

## **Historic, Archive Document**

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62197  
**Olds**

FIELD, GARDEN  
and FLOWER

**SEEDS**

SIXTY-SECOND YEAR

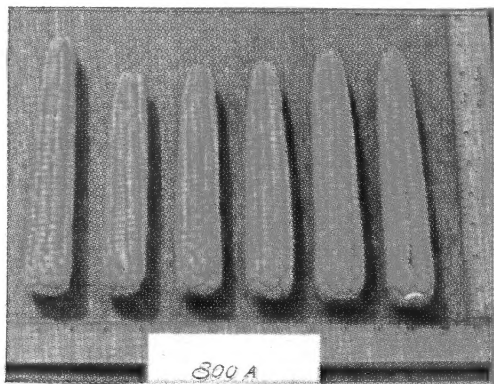
**DAHLIA**

DWARF HYBRIDS

MIXED No. 935 Pkt. 15¢

Easy Grown From Seed

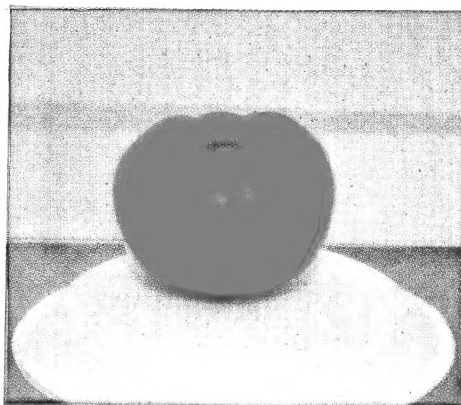
# THREE OUTSTANDING VEGETABLE SPECIALTIES



Wis. Golden 800 Sweet Corn.

## 75 DAY HYBRID SWEET CORN

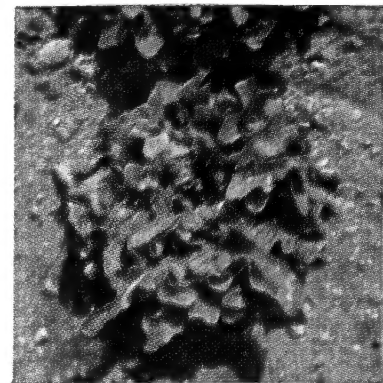
**136. WISCONSIN GOLDEN NO. 800.** (75 days.) A new exceptionally high quality second early hybrid sweet corn just released by the Wisconsin Agricultural Experiment Station. We have been growing this variety in trials for several years prior to its release, and for quality we consider it absolutely tops. The slender uniform ears containing eight rows of tender, sweet flavored kernels are very uniform, averaging from seven to eight inches in length. Fine for canning, and excellent for freezing on the cob. A fine companion variety to plant with Gold Rush Hybrid, which is about a week earlier. Pkt., 15c;  $\frac{1}{2}$  lb., 50c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.



Wisconsin 55 Tomato.

## TOMATO

**453. WISCONSIN 55.** (75 days.) A new tomato developed by Prof. J. C. Walker and his associates at the Wisconsin Experiment Station. Fruits are very large, smooth, slightly oblong, ripening a deep scarlet red color and very fleshy. Fruits average 65% larger than Stokesdale or John Baer and are more free of growth cracks. Vine growth is large, quite open and bears profusely until frost. While it is not fusarium wilt resistant, it is more tolerant to defoliation leaf blight than John Baer and shows considerable resistance to blossom end rot. In our opinion it is the best main crop tomato offered today. Pkt., 15c; 2 pkts., 25c;  $\frac{1}{2}$  oz., 50c; oz., 90c;  $\frac{1}{4}$  lb., \$2.70, postpaid.



Olds' Oakleaf Lettuce.

## LETTUCE

**221. OLDS' OAKLEAF.** (45 days.) This is not a new lettuce, but one we introduced in 1917 and it is today the best loose leaf lettuce for the home garden. Olds' Oakleaf Lettuce is a distinct type. It forms a close center with rather loose outer leaves; medium sized and medium green. The leaves are deeply lobed in the middle and the middle lobe is long like a finger, giving the plant a peculiar appearance. The quality is excellent, but its most important recommendation is that it does not get bitter with age. It is the one variety that is excellent late in the summer when other varieties are of poor quality. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$2.60, postpaid.

## Olds' Northern Grown Hybrid Tea Roses

While the Hybrid Tea Roses are none too hardy in the North, nevertheless they give a wealth of bloom the first year planted that well repays the cost. It is very advisable to cover them well, or hill up with soil, in the North, to carry them through the winter. Our stock is hardy northern 2-year field grown.

**CHRISTOPHER STONE.** We consider the Christopher Stone one of the very finest of red varieties of Tea Roses for the northern garden. It is hardy, vigorous, upright in growth, and very free flowering. Flowers are bright velvety scarlet red of exquisite form. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.

**CHARLES K. DOUGLAS.** A flaming scarlet flushed with velvety crimson. Bush is of upright growth and fine form. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.

**DUQUESA dePENARANDA.** This glorious rose produces two distinct types of flowers. In summer they are coppery-apricot; in autumn a luscious cinnamon-peach color. A vigorous grower with glossy foliage. Each, \$1.85; 3 for \$5.25, postpaid.

**GOLDEN DAWN.** Large fragrant flowers of pale straw-yellow. Buds lemon-yellow splashed with carmine. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.

**GRENOBLE.** One of the very brightest of all red roses and perhaps the largest ever-blooming rose grown today. Flowers are well shaped with spicy fragrance. Tall growing with shapely buds on long stems. Each, \$1.85; 3 for \$5.25, postpaid.

**GOLDEN RAPTURE.** Exquisitely formed, golden yellow, which opens up quite double. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.

**JOANNA HILL.** A splendid creamy yellow, opening to a cream white, lightly tinged salmon at the base. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.

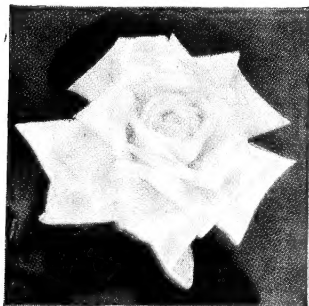
**PINK RADIANCE.** Considered the most popular tea rose in America. Brilliant rose-pink buds opening into well formed fragrant flowers. Vigorous grower and free blooming. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.

**PRESIDENT HOOVER.** A large bloom. One of the most glorious combinations of cerise, yellow, flame and scarlet. Bush upright and vigorous. Free blooming. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.

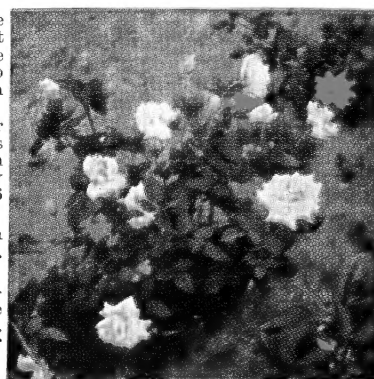
**K. A. VICTORIA.** A fine cutting variety. Creamy white buds opening into large white flowers. Each, \$1.60; 3 for \$4.25; 6 for \$8.25, postpaid.



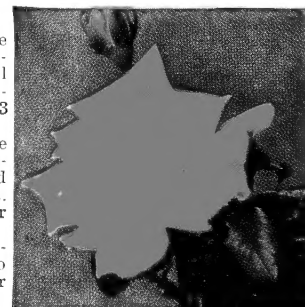
Christopher Stone.



K. A. Victoria.



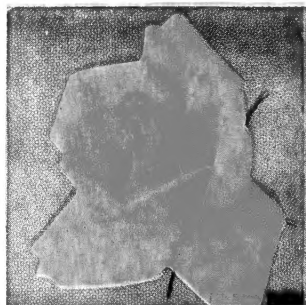
Joanna Hill.



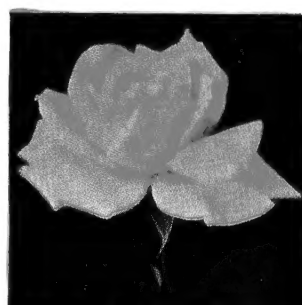
Golden Dawn.



Charles K. Douglas.



Golden Rapture.



Duquesa dePenaranda.



Grenoble.



We occupy all four floors and basement of this modern building. Our offices are located here. However, in addition to this entire building, we also store many carloads of seeds in additional buildings in Madison. We invite you to visit us and see the efficient and careful way we handle your orders.



# Here's how to order "Seeds That Grow"

## *Seeds backed by 62 years of experience*



R. H. Lang  
President  
and  
General  
Manager

For over three generations this company has been watching over the growers' interests to make sure that the home gardener, the farmer, and the commercial gardener all get the most out of their gardening efforts.

Remember, when you buy seeds you buy a hidden value. You can't tell by looking at seeds what they will produce. But when you buy seeds with the OLDS' label, you can rely absolutely on their quality.

Plan your 1949 garden now. And for your own protection, **PLACE YOUR ORDER EARLY.**

You're as close to us as to your mailbox. From this complete seed book you can shop in convenience and comfort, away from the noise and rush of the crowd. It's the easy, simple, pleasant way to do your seed shopping.

**HOW TO PAY** Use postoffice or express money order, draft or registered letter. We will be responsible for payment by mail if you send money in any of these ways. We accept personal checks at face value. For small amounts, 50c or less, use coin or postage stamps (we prefer 5c stamps), but be sure to register your letter.

**USE ORDER SHEET** in back of book, and give city zone number if you have one. If you want to write us later about your order, be sure to give postoffice address where order was mailed... or the order number.

**ORDERS ARE ACKNOWLEDGED PROMPTLY** Where goods can be sent at once, we ship as soon as possible—small

items by parcel post, large items by freight or express, with notice of shipment and bill of lading. If part of order is shipped, the shipment is our acknowledgement of your order.

**GARDEN SEEDS ARE SENT POSTPAID** anywhere in U. S. proper except bulk seeds taken from the Market Gardeners' Wholesale prices. On all foreign orders over 4 ozs., add 15c per pound postage. **PRICES ON FIELD SEEDS, POTATOES OR SIDE LINES DO NOT INCLUDE TRANSPORTATION UNLESS QUOTED POSTPAID.** See table of parcel post rates on order blank.

**LARGE SHIPMENTS ARE SENT BY FREIGHT** F. O. B., Madison, Wis., unless you instruct us otherwise. We have three railroads here at Madison: Chicago & North Western; Chicago, Milwaukee, St. Paul & Pacific; and the Illinois Central.

**C. O. D. SHIPMENTS** With rates on C.O.D. increased, this method is too expensive for small orders. Perishable items, such as plants and nursery stock cannot be sent C.O.D. Other items will be sent C.O.D. if one-fourth the amount accompanies order.

### OLDS' TRIPLE GUARANTEE

**QUALITY** We guarantee the quality of all the items offered in this book to the extent that should they not prove as represented or you are not satisfied we will refill the order or return the full amount you paid; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds.

**SAFE ARRIVAL** We guarantee everything to arrive in good order. If there is any trouble, such as bags being torn or anything else unsatisfactory, have this noted on the freight expense bill which must be sent us with the bill of lading.

**CAREFUL ATTENTION** We guarantee to give your order careful attention. All orders and remittances are promptly acknowledged and letters of inquiry personally and courteously answered, as a rule the same day they are received.



Thomas  
S. Toal  
Secretary  
and  
Assistant  
General  
Manager





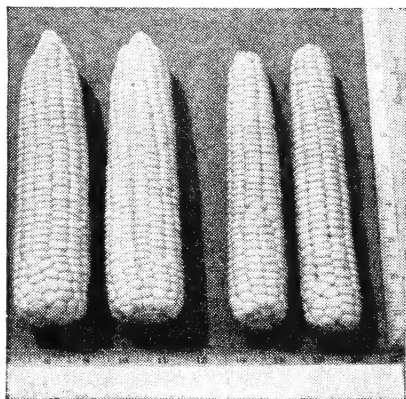
# VEGETABLES of EXCEPTIONAL MERIT



Icebox Watermelon.

## INDIVIDUAL WATERMELON

273. **ICEBOX.** (75 days.) The Icebox or Sugar Lump Melon is an extremely early melon developed for apartment size iceboxes. In fact, it is an individual melon of excellent quality. Perfectly round about the size of a bowling ball or slightly larger than a good size Honey Dew. They are produced in unbelievable numbers. There are two strains of this melon, one white flesh, and the other red flesh. The strain that we handle is the red flesh, which we like the best. We highly recommend this new watermelon to you. Prices: Pkt., 10c; oz., 30c; ¼ lb., 75c; 1b., \$1.95, postpaid.



Gold Rush

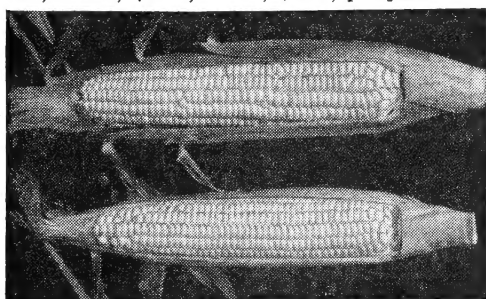
Wis. Golden 800

## 75-DAY HYBRID SWEET CORN

136. **WISCONSIN GOLDEN NO. 800.** (75 days.) A new high quality second early hybrid sweet corn just released by the Wisconsin Agricultural Experiment Station. See inside front cover for color illustration and complete description. Prices: Pkt., 15c; ½ lb., 50c; 1b., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

## 69-DAY HYBRID SWEET CORN

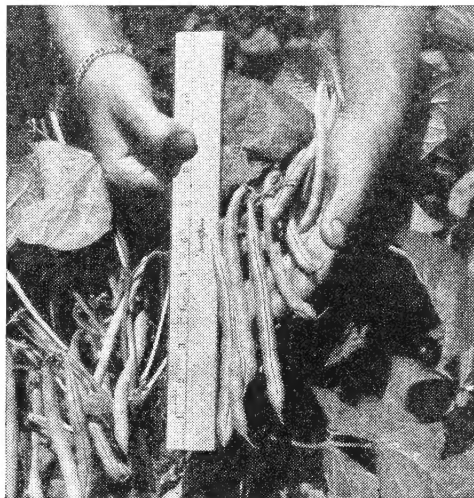
★137. **GOLD RUSH HYBRID.** (69 days.) This new hybrid is 10 days earlier than Golden Cross Bantam and nearly equal to it in size and quality. It has produced from seed to market in 66 days. Ears are about 8½ inches long, 12 to 14 rowed, slightly tapered and are well filled to the tips with attractive, tender, sweet, yellow kernels of fine quality and flavor. Stalks grow about 6 ft. tall, and many will produce two ears per stalk. Pkt., 15c; ½ lb., 45c; 1b., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00, postpaid.



Upper ear, Golden Cross Bantam.  
Lower ear, Gold Rush.

## MOSAIC RESISTANT BEAN

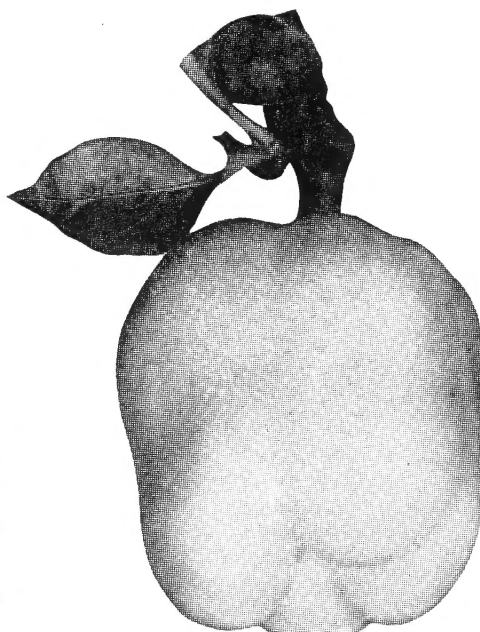
21. **LOGAN.** (48 days.) Bred by the Florida Experiment Station to thrive in hot weather. A cross between Refugee No. 5 and Black Valentine. A heavy yielder under adverse conditions. The 16 to 18-inch plants are resistant to common bean mosaic. Pods are 6 to 7 inches long, fine texture, medium dark green, round, smooth, straight, and stringless, seeds are brownish purple or buff. Pkt., 15c; ½ lb., 45c; 1b., 70c; 2 lbs., \$1.30; 5 lbs., \$2.80, postpaid.



Mosaic Resistant Bean, Logan.

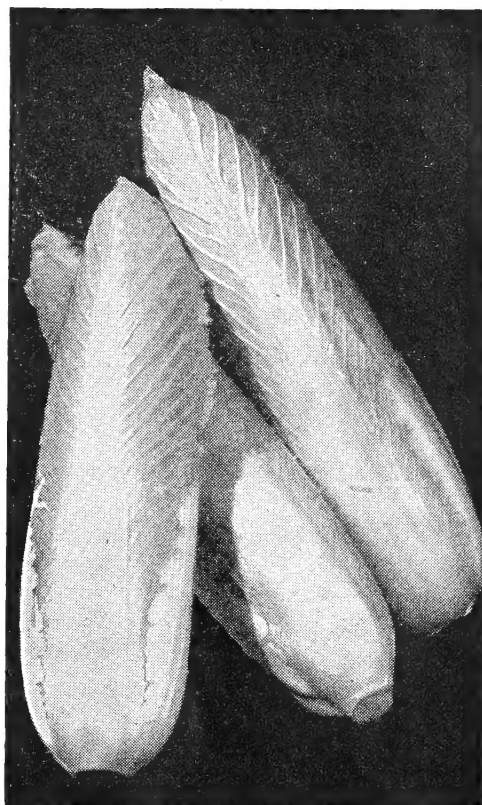
## GOLDEN PEPPER

358. **GOLDEN CALIFORNIA WONDER.** (72 days after setting plants.) This golden variety has all the grand qualities that have made the Red California Wonder so popular. The large green fruits have the same thick and solid flesh walls, they have the same fine flavor—sweet, mild, and free from all unpleasant pungency, but at maturity they turn a rich golden yellow. The flesh of the ripened fruit is just as sweet and tender as it is in the green state. Slices of the ripe fruit with their delightful golden yellow color make an attractive addition to the salad bowl. The plants are thrifty, upright growth, and heavy producers over a long season. Pkt., 15c; 2 pkts., 25c; ½ oz., 65c; 1 oz., \$1.15; ¼ lb., \$3.35, postpaid.



Golden California Wonder Pepper.

Use our "Easy to Subscribe" Magazine Service. See Coupons Inside Cover.



Michihli Chinese Cabbage.

## SURE HEADING CHINESE CABBAGE

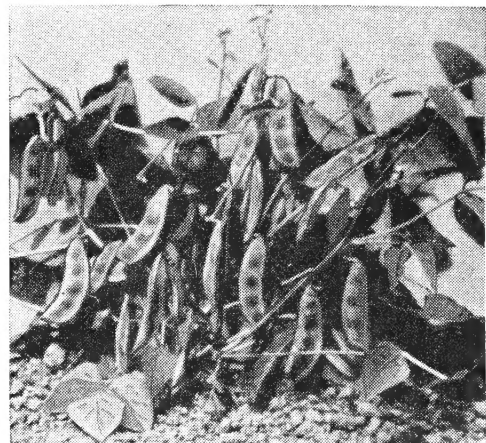
69. **MICHIHLI.** (72 days.) This new Chinese cabbage is so far ahead of Chihli in uniformity, growth, and sureness of heading that we have discarded Chihli for the new Michihli. Somewhat larger than Chihli with rich, dark green outer leaves without a yellowish cast. Trimmed heads are well blanched, firm, crisp, tender, and fine flavor. In trials they produce fully 99 per cent heads desirable for market. Prices: Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00; 1b., \$6.00, postpaid.

## TOMATO

453. **WISCONSIN 55.** (75 days.) A new tomato developed by the Wisconsin Experiment Station. See inside front cover for complete description and illustration. Pkt., 15c; 2 pkts., 25c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.

## BUSH LIMA BEAN

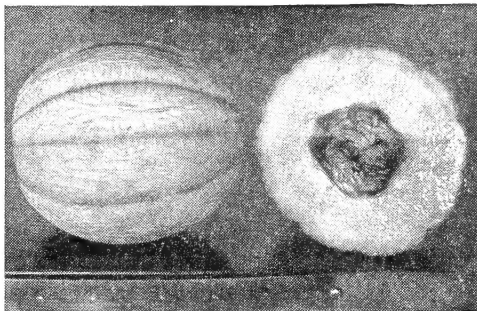
27. **U. S. NO. 242 FORDHOOK.** (72 days.) A superior type of Fordhook for the North, developed by the U. S. Dept. of Agriculture. Plants are wider spreading and have heavier foliage and yield heavier both early and late than the standard Fordhook. Even in very hot dry weather it sets basal pods from the first blossoms. The pods are uniform and hold their size on the late sets and contain 3 to 4 plump beans of finest quality. Pkt., 15c; ½ lb., 45c; 1b., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00, postpaid.



Fordhook No. 242 Bush Lima Bean.

## MUSKMELON

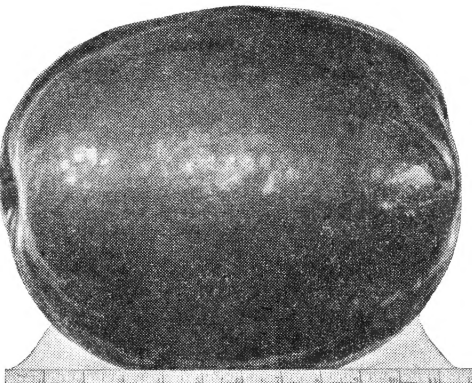
245. **CRAIG.** (90 days.) This is one of our specials. Very similar in appearance and quality to Pride of Wisconsin, but five days to a week earlier. This alone is recommendation enough as Pride of Wisconsin is the standard for quality but a little too late for Central Wisconsin. The fruits are medium to large size, slightly ribbed with coarse netting. Flesh is pink and of very highest quality. Our favorite melon. They are very popular with our market garden customers. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.



Craig Muskmelon.

## WATERMELON

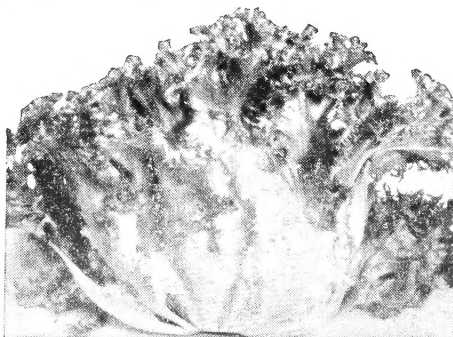
267. **BLACK DIAMOND OR FLORIDA GIANT.** (90 days.) This new large oval shaped melon within a short time became the most popular and widely planted shipping melon in the South. It is a remarkably fine quality melon, its average weight is 40 pounds, with specimens up to 125 pounds. Round, smooth, dark rich green in color, flesh bright red of sweet delicate flavor. Seed mottle brownish black. We urge market gardeners to give this variety a trial. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.40, postpaid.



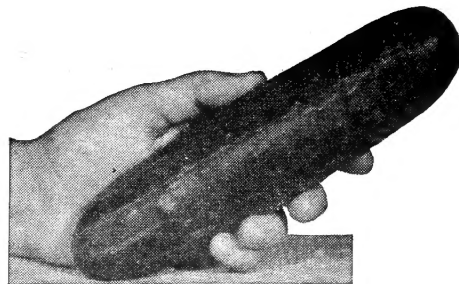
Black Diamond or Florida Giant

## ENDIVE

188. **DEEPHEART FRINGED.** An entirely new type of Batavian Endive although it is not strictly Batavian type, but a cross of a type between Batavian and Green Curl. Hearts are closely packed with an abundance of fine leaves blanching to clear creamy yellow. The leaves are much broader than Green Curl, but the color is about the same. The leaf margins are deeply cut and curled and do not lie flat on the ground. Well-grown plants have a diameter of 10 to 12 inches and a depth of 7 to 8 inches. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.



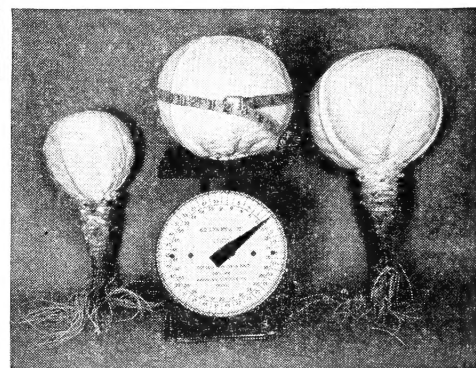
Deepheart Fringed Endive.



Cubit Cucumber.

## CUCUMBER

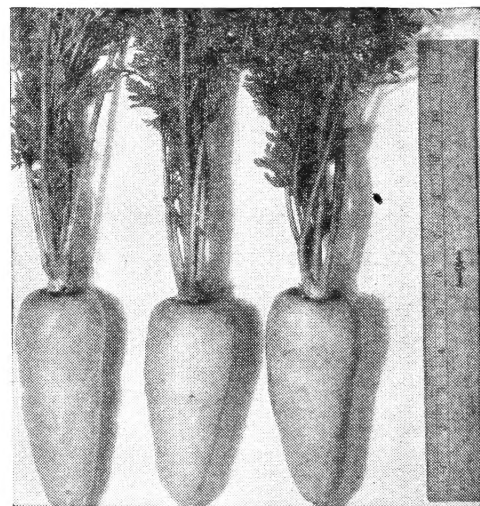
162. **CUBIT.** (60 days.) A 1944 All America Winner. The fruits are deep dark green in color, cylindrical in shape with rounded ends. Average length about 8 inches. A heavy yielding white spine variety of excellent quality. Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$2.80, postpaid.



Right two are Oakview Ballhead Cabbage.

## LATE CABBAGE

86. **OAKVIEW BALLHEAD.** (105 days.) Developed from a single plant selection of the Ferry's Hollander for a larger type and a higher tonnage. Note illustration. Plant at the left is a regular Danish Ballhead. The one on the scales and at the right is the Oakview. Heads average seven and one-half to eight inches in diameter and eight to ten pounds in weight. Remarkably firm and solid, of splendid quality. Will keep perfectly in storage until late spring. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75, postpaid.



Red Cored Danvers Carrot.

## CARROT

99. **IMPROVED RED CORED DANVERS.** (75 days.) Slightly longer than the Danvers Half-Long with a distinct red core. Roots average 7 to 7½ inches long by 1¼ inches in diameter at shoulder. Tapers to a blunt end with small, slender tap roots. The tender deep rich orange flesh with red core makes it a desirable market garden carrot. Pkt., 10c; 1 oz., 25c; ¼ lb., 70c; 1 lb., \$2.00, postpaid.



## GREEN CELERY

124. **SUMMER PASCAL.** (85 days.)

An early green celery of superior quality. Thick, tender stems measuring 8 to 9 inches to the first joint. The plant is sturdy and robust, making a thick, solid plant. The unblanched stocks are exceptionally fine in flavor. Nothing finer for an early celery. Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

Summer Pascal Celery.

## LEAF LETTUCE

221. **OLDS' OAKLEAF.** (45 days.) Olds' Oakleaf Lettuce is a distinctive type and one of our specialties. See inside front cover for color illustration. It forms a close center with rather loose outer leaves; medium sized and medium green. The leaves are deeply lobed and the middle lobe is long like a finger, giving the plant a peculiar appearance. The quality is excellent, but its most important recommendation is that it does not get bitter with age. It is the one variety that is excellent late in the summer when other varieties are bitter. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.60, postpaid.

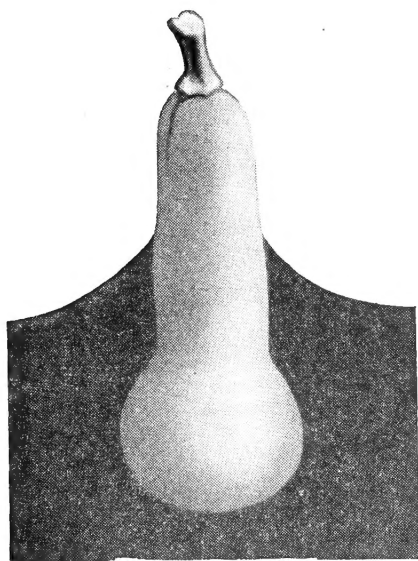
## GREEN POD BEAN

★18. **KEYSTONIAN.** (52 days.) A dwarf, green pod bean which won the 1944 All America award. It is hardy, very productive and of high quality. Pods are 6 to 6½ inches long and hold their snap stage for a considerable length of time. They are round, stringless, fiberless, solid, fine grained, straight and of a rich dark green color. The 18-inch vines are strong and upright with sturdy stem and branches. Seeds are brown. Pkt., 10c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



Keystonian Bean.





Butternut Squash.

## WINTER SQUASH

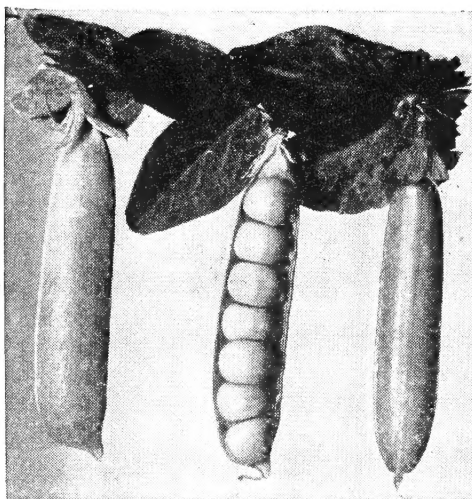
420. **BUTTERNUT.** (95 days.) This new variety originated in the New England States and in our opinion it is the ideal home baking type. Better than Table Queen as an individual baker. The 3 to 4½-lb. fruits are of an ivory white color, 10 to 12 inches long, 4 to 5 inches in diameter at the largest point, pear shaped, smooth skin and hard. The bright orange flesh is very thick and the seed cavity is only in the bulbous end so that about 90% of the entire fruit is edible. We think this variety should be in every garden. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.70, postpaid.



All America Parsnip.

## PARSNIP

312. **ALL AMERICA.** (100 days.) A new smooth, white parsnip that is exceptionally free from side roots. Similar to Hollow Crown, but a trifle more slender. Pkt., 10c; oz., 25c; ¼ lb., 50c; ½ lb., 80c; lb., \$1.40, postpaid.



Wisconsin Early Sweet Pea

## WILT RESISTANT PEA

320. **WIS. EARLY SWEET.\*** (61 days.) This is a variety originated by Prof. E. J. Delwiche and introduced by the Wisconsin Experiment Station in 1932. It is an early, sweet canning variety, quite similar to Surprise and resistant to Fusarium wilt. The vines are 26 to 30 inches tall, medium green and slender. Pods single, 2¾ inches long, light green, plump, blunt; containing 6 to 7 medium small wrinkled green peas; tenderness of skin, firmness and outstanding good flavor are the characteristics of this variety. Pkt. (2 oz.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.



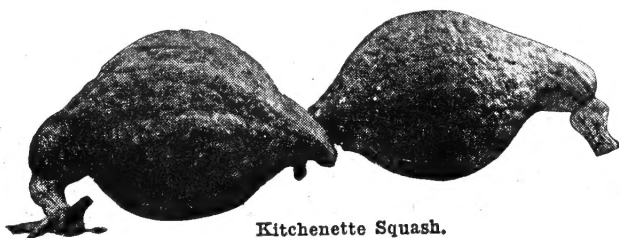
Iroquois Muskmelon.

## WILT RESISTANT MELON

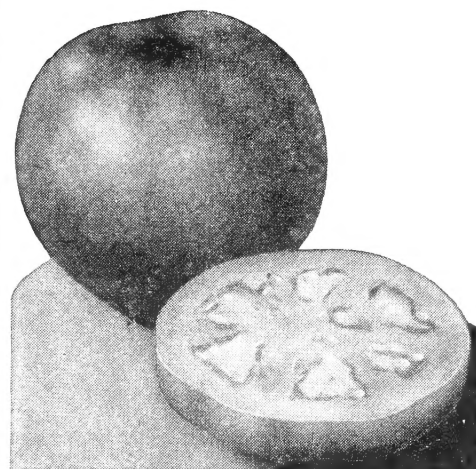
252. **IROQUOIS.** (90 days.) Developed by Dr. H. M. Munger of the Cornell University, Ithaca, New York. It is resistant to some forms of fusarium wilt, and will produce a crop where other varieties fail. In appearance and productivity it is similar to Bender Surprise. Fruit averages 7 inches long by 6 inches in diameter, grayish green skin with coarse medium netting. Hard green rind. Flesh thick deep salmon color, sweet flavor. Fine for roadside stands. Pkt., 15c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$3.00, postpaid.

## WINTER SQUASH

417. **KITCHENETTE.** (105 days.) A small strain of Improved Hubbard. Size about 9x6 inches and average weight, six pounds. It is just the right size for the average family. The quality is equal to any of the Hubbards. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.



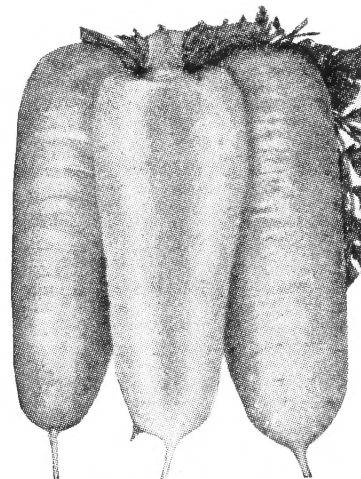
Kitchenette Squash.



Jubilee Tomato.

## GOLDEN ORANGE TOMATO

434. **JUBILEE.** (72 days.) Fruits are bright golden-orange, deep globe shaped, weighing about 6 ozs. each. Walls are thick with few seeds which makes it most attractive when sliced. Quality is excellent and a great improvement over other yellow fruited varieties. Excellent for Yellow Tomato Juice. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.



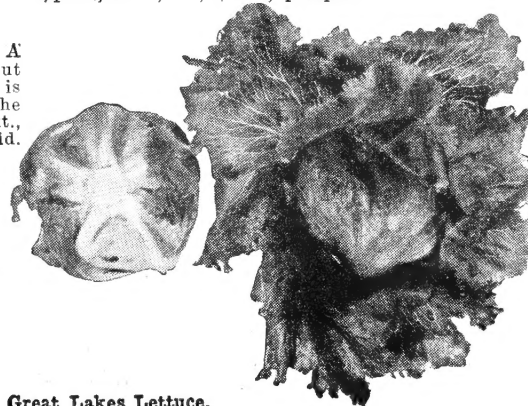
Tendersweet Carrot.

## CARROT

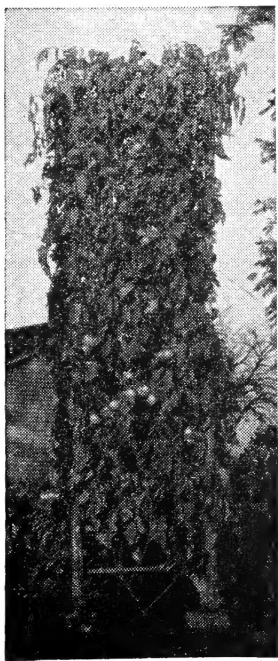
108. **TENDERSWEET.** (73 days.) A beautiful new orange red carrot of exceptionally fine quality. Roots average about 8 to 8½ inches in length and taper slightly from the shoulder to a blunt end. The flesh is crisp, tender, and sweet. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

## HEAD LETTUCE

217. **GREAT LAKES.** (75 days.) This All America Trials Winner is so reluctant to go to seed that it has been difficult to obtain seed to sell. Heads are small, firm, and flattened. The leaves fold completely over the heads. Foliage dark green and veined. Pkt., 15c; oz., 65c; ¼ lb., 2.00; lb., \$5.90, postpaid.

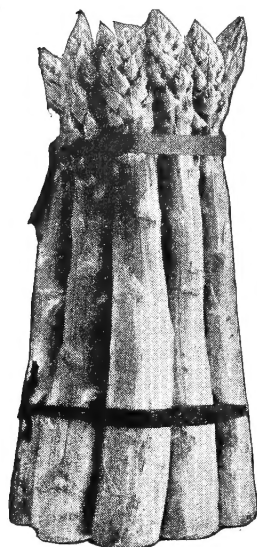


Great Lakes Lettuce.



Trip-L-Crop Tomato.

# OLDS' SUPERB VEGETABLE SEEDS



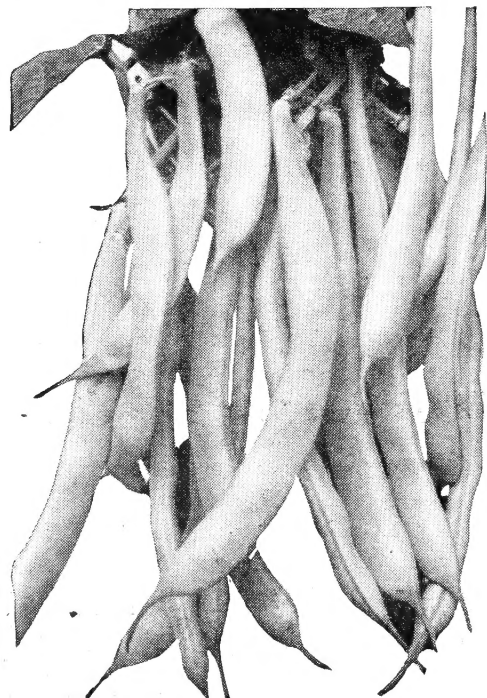
Mary Washington Giant Rust Proof.

Please Note: All varieties marked ★ are excellent for freezing.

**CULTURE:** Sow the bush varieties as soon as the ground is warm and the season favorable and every two weeks for succession. Plant in rows two feet apart, the beans two inches apart in the row and 1½ inches deep. For pole beans use poles 8 to 10 feet long and set them about 4 feet apart. Plant 4 to 6 beans about one inch deep around each pole and later thin to three plants to a pole. One pound will plant 100 to 150 feet of drill, 65 pounds one acre. Packet will plant 18 to 25 feet of drill. Do not work when the plants are wet as this will cause rust.

★ 19. **REFUGEE STRINGLESS.** (70 days.) The stringless pods measure 5 to 5½ inches in length, somewhat slender, round and slightly curved. The color is light green. Very fine grained and of good quality. Seeds violet splashed with buff. Pkt., 10c; ½ lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

★ 15. **STRINGLESS GREEN POD.** (52 days.) A bush or dwarf variety. It is early, hardy and productive, bearing handsome dark green pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. Seeds coffee brown. Pkt., 10c; ½ lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.



Stringless Green Pod.

## ASPARAGUS

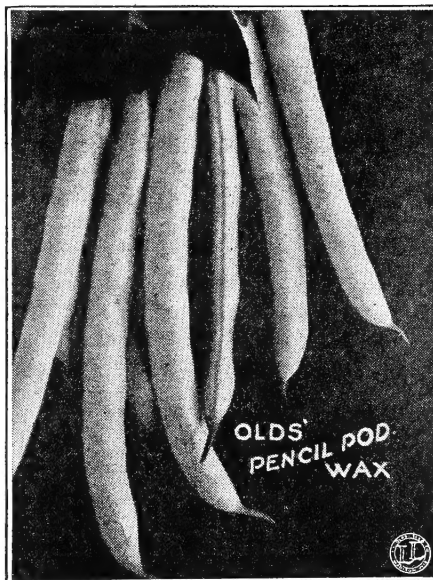
**ASPARAGUS CULTURE:** Plant seed early in the spring after soaking the same for about twenty-four hours in warm water. Plant in drills one foot apart at least one inch deep. The following spring select the best roots and plant in a permanent bed. It takes three years to grow an asparagus bed from seed, two years from one-year-old roots. One ounce of seed will sow a 100-foot row producing about 300 plants. Five pounds of seed are required for an acre.

★ 1. **MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties and apparently immune to rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.

## ASPARAGUS ROOTS

★ 2R. **MARY WASHINGTON.** In general, the best all around variety for home and market. We would not advise any other. **ROOTS,** large 1-year-old, 25 for 85c; 50 for \$1.45; 100 for \$2.50, postpaid.—Not prepaid: 1,000 for \$16.00. Large 2-year-old roots, 25 for \$1.25; 50 for \$2.00; 100 for \$3.50, postpaid.—Not prepaid: 1,000 for \$20.00.

## OLDS' GARDEN SNAP BEANS BUSH VARIETIES



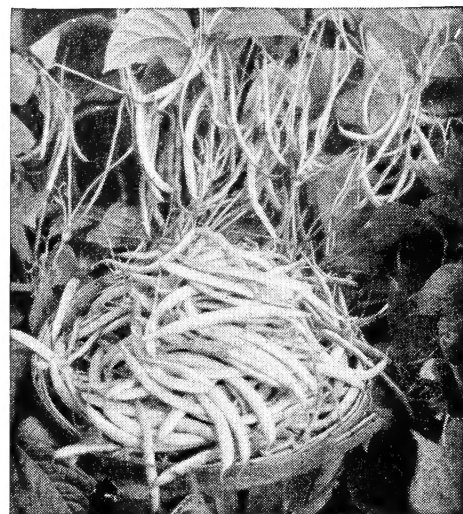
★ 24. **PENCIL POD BLACK WAX.** (53 days.) Best of all the dwarf black seeded wax varieties. The pods are round, 6½ to 7 inches long, straight, and crease-backed. Early and very productive; entirely stringless and a clear yellow in color. Quality excellent. Seed black. Pkt., 10c; ½ lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

13. **BOUNTIFUL.** (50 days.) A stringless Dwarf Bean, extra early, tender, large-podded, and a bountiful yielder. The flat green pods are entirely stringless, 6½ to 7 inches long, very tender and have a delicious flavor. This bean is a continuous bearer—the first in the spring, and the last in the fall. Fine for the home garden and just right for the truck patch. It is also excellent shelled for winter use. Seeds straw color. Pkt., 10c; ½ lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

★ 17. **TENDERGREEN.** (54 days.) A new dwarf, green podded variety of very fine quality. The fleshy pods are absolutely stringless, measuring about 6 inches in length. Slightly later than Stringless Green Pod. Tendergreen is very productive and in our trials proved the best variety for late planting as well as for early planting. Seeds mottled brown and fawn. Pkt., 10c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

20. **IMPROVED GOLDEN WAX.** (50 days.) The standard flat, wax-podded bush variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are 4 to 4½ inches long and very handsome; of a rich golden-yellow color. Seeds white with brown eye. Pkt., 10c; ½ lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

21. **LOGAN.** (48 days.) Our new Mosaic resistant bean. See page 1. Pkt., 15c; ½ lb., 45c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.80, postpaid.



Plentiful Bean.

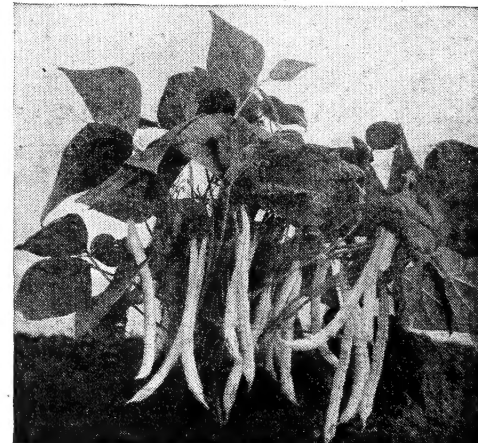
11. **PLENTIFUL.** (50 days.) It is true to its name in productiveness bearing medium dark green pods 7 inches or more in length, straight, and somewhat larger than Bountiful. Entirely stringless at all stages of growth and is of the highest quality. It is probably the best of the flat podded green snap beans. Vine is 16 to 18 inches tall, medium green, erect, vigorous, and compact. Seeds are black. Pkt., 10c; ½ lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

★ 16. **GIANT STRINGLESS GREEN POD.** (54 days.) Somewhat similar to Stringless Green Pod, although the pods are longer, straighter and more slender. The pods are also more depressed between the beans and slightly lighter in color. Fairly early, hardy and of the highest quality. Seeds yellow brown. Pkt., 10c; ½ lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.

36. **DWARF HORTICULTURAL.** (55 days.) Also known as Dwarf Cherry, Ruby, Speckled Cranberry. Pods are 4½ to 5 inches in length and about 5/8 to ¾ inch in width. Semi-round, straight to slightly curved. Stringless, light green in snap stage, becoming pale yellowish-green with prominent splashes of scarlet or carmine in shell bean stage. The vigorous dark green, coarse foliage is about 15 to 17 inches in height. The beans are pink tinged on buff with irregular spots of carmine or maroon. Pkt., 15c; ½ lb., 45c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.80, postpaid.

★ 18. **KEYSTONIAN.** (52 days.) 1944 All America Contest Winner. New green pod variety. See page 2.

★ 12. **ROUND POD KIDNEY WAX.** (Brittle Wax.) (58 days.) An outstanding variety for the canning trade and the home garden. Plant large, erect, medium green, vigorous and productive. 5¼-inch pods, handsome in appearance, medium yellow, round, slightly curved, and deeply creased back. Extremely brittle, fleshy, succulent. Entirely stringless and fiberless. Beans white, kidney-shaped with black eye. Standard of highest quality. Pkt., 10c; ½ lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.



Round Pod Kidney Wax.



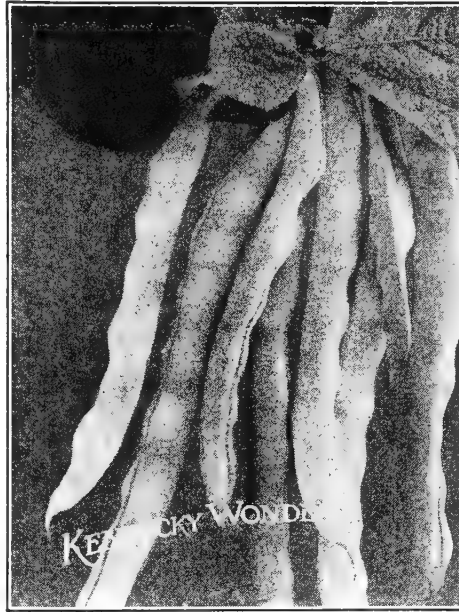
## POLE SNAP BEANS

**37. WHITE SEEDED KENTUCKY WONDER.** (Burger's Stringless.) (64 days.) Plant medium and a good climber, 4 to 5 feet tall. Pods  $6\frac{1}{2}$  to 7 inches, silvery green, tender, fleshy, stringless and fiberless and of good quality. Seeds oval-flat, white. Used as snap beans or for dry shelled purpoes. Pkt., 10c;  $\frac{1}{2}$  lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

**★25. KENTUCKY WONDER WAX.** (68 days.) The earliest of all the pole wax sorts. The pods are flat, 7 to 8 inches long, thick, decidedly crease-backed, very fleshy; brittle and somewhat stringy. Very attractive and of fair quality. Color, light yellow. Seeds light chocolate brown. Pkt., 15c;  $\frac{1}{2}$  lb., 50c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

**10. ASPARAGUS OR YARD LONG.** This variety is a native of South America. Habit of growth is quite similar to Kentucky Wonder Bean. Pods broad, oval, light green, fleshy, tender and fiberless; of good quality containing 7 to 8 beans. Pods average in length from 18 to 30 inches. This is a fine novelty to grow in your garden. Seeds reddish brown with black circle around the eye. Pkt., 10c;  $\frac{1}{2}$  lb., 40c, postpaid.

**★38. KENTUCKY WONDER.** (65 days.) (Old Homestead.) The vines are very vigorous and productive, and bear large clusters of big, round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Seeds buff brown. Pkt., 10c;  $\frac{1}{2}$  lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.



## OLDS' POLE LIMA BEANS

**33. KING OF THE GARDEN.** (88 days.) The most widely used Pole Lima. The hardy and vigorous plants are good climbers and very productive. Pods flat, smooth, with average of five large, oval, greenish white beans of excellent quality. Pods measure  $7 \times 1\frac{1}{4}$  inches. Pkt., 10c;  $\frac{1}{2}$  lb., 40c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

**★30. DREER'S POLE or CHALLENGER.** (80 days.) This variety of Lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, measuring  $3\frac{1}{2}$  to 4 inches long with pods well filled and 4 to 5 beans in each pod. Beans are oval in shape, thick, sweet and succulent. Pkt., 10c;  $\frac{1}{2}$  lb., 40c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

**39. SCARLET RUNNER POLE.** (90 days.) A pole bean that is really a climbing bean and very ornamental. The blossoms are scarlet, the pods a beautiful green, shading to wine color when ripe. The large showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but beans are good to eat, both as snap and shelled beans. Pkt., 15c;  $\frac{1}{2}$  lb., 45c; lb., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00, postpaid.

## OLDS' BUSH LIMA BEANS

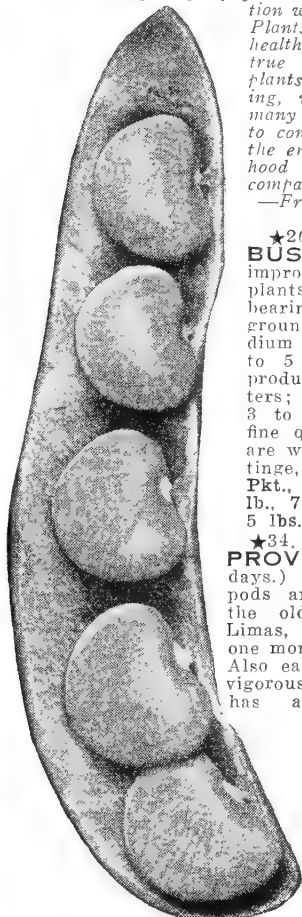
Note: Plant Limas with the eyes down and in a warm location. Do not plant until the soil is thoroughly warm. Lima beans should be harvested while they are still green. Be sure and use nitrogen on your bean seed. It is an investment, not an expense. Varieties marked ★ are recommended for freezing.

**★27. U. S. NO. 242 FORDHOOK.** (72 days.) A superior type of Fordhook Lima for the North. We think it the best large bush Lima. See page 2 for description. Pkt., 15c;  $\frac{1}{2}$  lb., 45c; lb., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00, postpaid.

"Please allow me to express my appreciation of the splendid quality of your seeds. The germination was practically 100%. Plants were strong and healthy, with varieties true to name. 'Rogue' plants were entirely missing, which is something many other seedsmen fail to control. My garden is the envy of the neighborhood and I give your company full credit."  
—Fred A. Hutchings, Ohio.

**★26. FORDHOOK BUSH.** (75 days.) An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; 4 to 5 inches long, and produce in large clusters; they contain from 3 to 5 large beans of fine quality. The beans are white, with greenish tinge, thick and meaty. Pkt., 15c;  $\frac{1}{2}$  lb., 45c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.80, postpaid.

**★34. BURPEE'S IMPROVED BUSH.** (75 days.) Both beans and pods are larger than in the old Burpee's Bush Limas, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters. Pkt., 15c;  $\frac{1}{2}$  lb., 45c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.80, postpaid.



Burpee's Improved Bush Lima.



Green Seeded Henderson Baby Lima Bean.

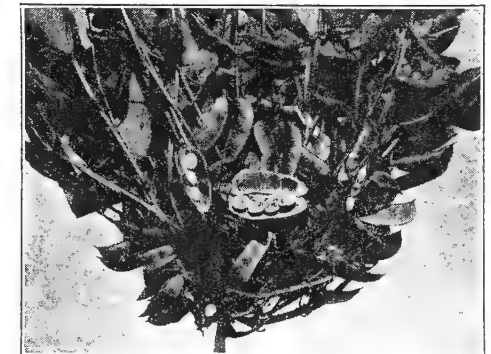
**28. GREEN SEEDED HENDERSON or CLARK'S BUSH.** (65 days.) This bean resembles in every way the Henderson's Bush or Butter-bean but is green at all picking stages. Pods measure about  $2\frac{3}{4}$  inches by  $\frac{3}{4}$  inch. Contains 3 to 4 delicious oval beans. Pkt., 10c;  $\frac{1}{2}$  lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.



Early Market Bush Lima.

**32. EARLY MARKET BUSH.** (65 days.) A dwarf large lima similar to Burpee's Bush in appearance and growing habits, but outstanding in its earliness of maturity and ability to set under adverse growing conditions. It is a full two weeks ahead of Fordhook and does well under our northern growing conditions. Seed at maturity is very uniform in size of a bright green color. Pods bear three beans each of remarkable uniformity. A heavy yielder of excellent quality beans. Pkt., 15c;  $\frac{1}{2}$  lb., 45c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.80, postpaid.

**★31. HENDERSON'S BUSH.** (Baby Lima or Butter Bean.) (65 days.) The bush is not large, but the variety is earlier than any other Bush Lima, except the new Early Market Bush. Pods are small containing 3 or 4 small flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. We recommend this variety of Lima for the home garden. Pkt., 10c;  $\frac{1}{2}$  lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.



Baby Potato Bush Lima.

**★29. BABY POTATO BUSH.** (70 days.) A prolific bush lima bean originated as a field cross between Henderson's Bush Lima and one of the Potato Lima types. In vine character and general appearance of pods is similar to Henderson's Bush and can be handled by the same cultural methods. The seeds are small but thick, of bright green color when fresh, and similar in flavor to Fordhook. A thrifter and more robust plant than Henderson's Bush, averaging 3.3 seeds per pod in trials. Admirably adapted not only for produce markets but also for canning and quick freezing. All-America Silver Medal Winner. Pkt., 10c;  $\frac{1}{2}$  lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.

## OLDS' FIELD BEANS

**4. MICHELITE NAVY.** An improved strain of Navy Beans. Very uniform in maturing and growers state they hardly need hand picking. Very heavy producer. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60, postpaid.

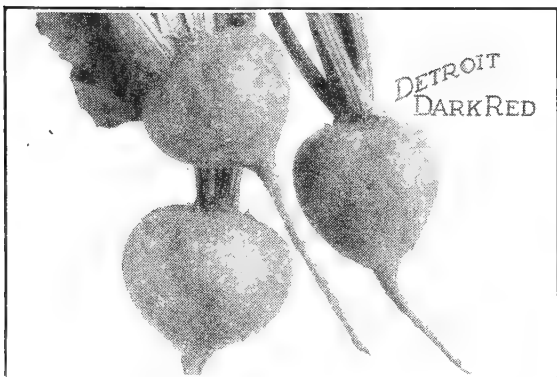
**35. DARK RED KIDNEY.** The popular bean used in soups, salads, and chili. Our strain is the dark red.  $\frac{1}{2}$  lb., 40c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

### INOCULATE YOUR BEAN SEED.

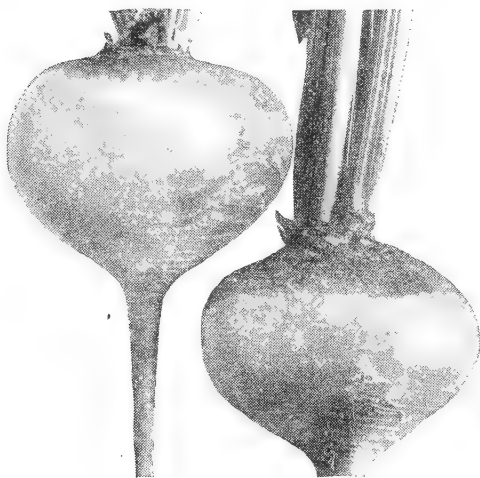
You will get a more robust vine, a heavier crop, and make this legume enrich the soil in which it is used. It pays for itself ten times over. Price: Nitragin, garden size, enough for four pounds of seed, 15c, postpaid.

# Olds' Garden Beets

From Hand  
Selected Roots



★ 48. **DETROIT DARK RED.** (68 days.) Select Strain. The leading main crop variety for the home and market gardener. Globe shaped, sweet, tender, fine grained and free from woodiness. Dark crimson in color. Quality of the best. Leaves dark green, shaded to red. Probably the most widely grown beet for commercial canning. Our largest seller. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; lb., \$1.50, postpaid.



Crosby's Egyptian.

★ 51. **CROSBY'S EGYPTIAN.** (60 days.) A first-early market variety. Flattened globular shape and of fine quality. One of the best for early but not recommended for winter storing. Roots dark red and flesh a trifle lighter with some zoning. Tops very small. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; lb., \$1.50, postpaid.

MANGELS and SUGAR BEETS, SEE  
PAGE 28.



Lucullus Swiss Chard.

**CULTURE:** The best soil for beets is a deep sandy loam. For early beets plant as early in the spring as the ground can be worked, sowing a little later for the main crop. Winter beets should be planted about the 15th of June. Varieties marked ★ are recommended for freezing.

Plant the seed about ¼ inch deep and in rows one foot apart. Thin the plants to 3 inches. Each packet contains enough seed to sow 15 feet; one ounce, 60 feet; five pounds an acre, drilled.



Perfected Detroit.

42. **PERFECTED DETROIT.** (65 days.) A new strain of Detroit Red Beet. The result of several generations of inbreeding. It is unquestionably the darkest red and most uniform type stock of Detroit Beet ever offered. Slightly earlier than the regular variety. Will run 99 per cent extremely dark red without visible zone markings. Perfected Detroit is the finest beet for the market gardener or for canning. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.60, postpaid.

## OLDS' SWISS CHARD

The city gardener's friend. Largely used for greens. Grows again after being cut off. Plant same as beets.

★ 54. **LUCULLUS.** (55 days.) The plants grow from two to two and one-half feet in height. Stalks are thick, broad and flat, also delicious when cooked and served like asparagus. Pkt., 10c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; lb., \$1.05, postpaid.

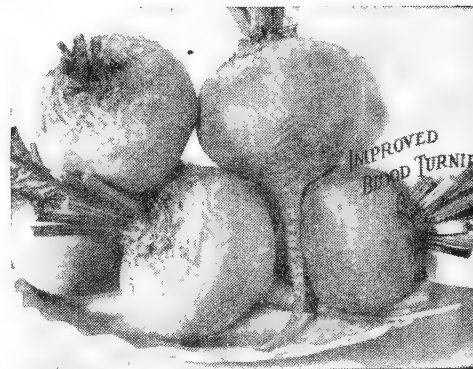
53. **DARK GREEN, WHITE RIBBED.** (55 days.) A fine variety for the home garden. Leaves are smooth and very dark green. The stalks and midribs are broad and white. Very attractive and more easily cleaned than Lucullus. Pkt., 10c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; lb., \$1.05, postpaid.

"I have raised Wisconsin 55 tomato for the past two seasons and had very good luck with them. 'Extra quality, productive and no signs of blight while a neighbor's vines were dead by the time the tomatoes were tennis ball size.'"

—Guy E. Thayer,  
Vermont.

## TREAT YOUR SEEDS WITH ARASAN

• An effective dry seed disinfectant and protectant for destroying many surface seed-borne organisms and protecting the seed against certain soil-borne organisms responsible for seed decay. Usually improves stand of seedling and frequently increases yield of quality crops. Tests show 8.5 bushels per acre increased yield of corn. Excellent reports on use of Arasan for many vegetables. Prices: ¾-oz. pkg., 25c; 8-oz. can, 80c, postpaid. By freight or express f. o. b. Madison: 25 lbs., \$30.00; 100 lbs., \$115.00.



41. **IMPROVED EARLY BLOOD TURNIP.** (60 days.) A fine, bright red beet. Remarkably even in size and appearance. A flattened globe shape, good quality. Tops are large and coarse, which make it a fine variety for greens. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; lb., \$1.50, postpaid.

43. **EARLY WONDER.** (56 days.) A selection from Crosby's Egyptian. Very uniform, dark red, globe shaped, small top. Especially good for late planting although in the extra early class. Early, hardy, productive and handsome. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; lb., \$1.50, postpaid.

40. **EXTRA EARLY EGYPTIAN.** (55 days.) A forcing and first early variety. One of the very earliest of all beets. Has a very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; lb., \$1.50, postpaid.

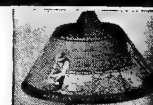
44. **FERRY'S CROSBY or EARLIEST FORCING.** (50 days.) One of the earliest of all beets and suitable for forcing. The globular or deep turnip shaped roots are bright carmen red and the flesh a bright vermilion red with fainter zoning. Tops are small but are rather coarse. Quality excellent. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; lb., \$1.50, postpaid.

## BEETS IN SUCCESSION

Do not depend on one planting for a supply all through the summer and fall. The sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time.

You too, can have **SURE CROPS**

**3 weeks  
earlier  
TO MARKET**



Setter.

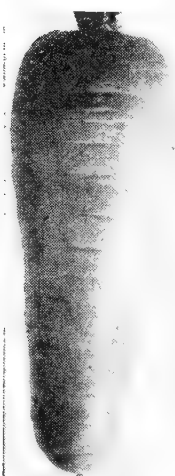
**HOTKAPS** — Strong little hothouses — completely protect your plants from destructive frost, storms and insects. Increase yield 18% to 51%, ripen crops three weeks earlier, bring highest prices and premium profits. Quick, easy to set. Costs less than two cents a plant — increased profits more than pay for them. Millions used by successful growers. Crop failure is costly — HOTKAPS protection is cheap!

Prices, F.O.B. Madison, by express or frt.: 1,000 lots, \$14.65; 5,000 lots, \$14.50 per M; 10,000 lots, \$14.35 per M; 25,000 lots, \$14.20 per M; 250 pkg., \$4.65; 100 pkg., \$2.75; by mail \$2.95, postpaid.

Fibreboard Setter, each, 20c.

**HOME GARDEN PKG.** 25 Hotkaps with Paper Setter, 70c; by mail, 85c, postpaid.

# OLDS' TENDER CARROTS GROWN FROM SELECTED ROOTS



Early Chantenay.

The carrot is one of the most valuable of vegetables and should be cultivated more extensively. It is very wholesome and contains the essential vitamins. Growing children should be fed carrots regularly. Our carrot seed is grown from carefully selected roots and will produce the kind of crop that you want. One pkt. will sow 50 feet of drill; 1 oz. 300 feet, 2 to 3 lbs. an acre. For large amounts see our Market Gardeners' Price List opposite page 1.

**CULTURE:** Carrots will do well on practically any soil although they will do the best on loam. Sow the seed as early as possible in rows 18 to 24 inches apart. Thin the seedlings to 2 or 3 inches apart in the row. The seed should be sown to a depth of about four times the diameter of the seed. Do not depend upon one planting only as they are at their best when young and tender. Plant every two or three weeks up to the middle of July. Varieties ★ are recommended for freezing.

## 99. RED CORED DANVERS. (75 days.)

A new strain of Danvers carrot. Slightly longer with a distinct red core. See page 2 for illustration and description. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

★106. **EARLY CHANTENAY.** (70 days.) **SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.90, postpaid.

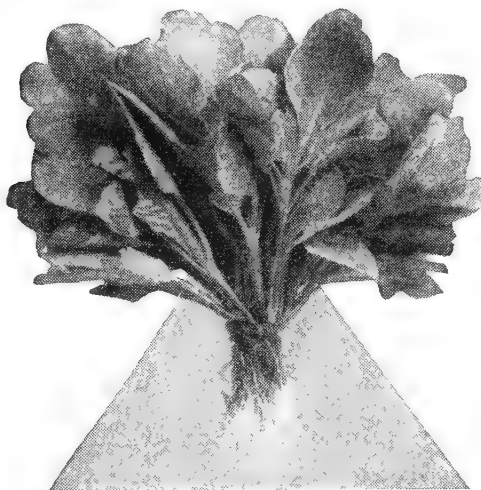
108. **TENDERSWEET.** (73 days.) A new orange red carrot of exceptionally fine quality. See page 3 for illustration and description. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

103. **OXHEART.** (72 days.) Popular short carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

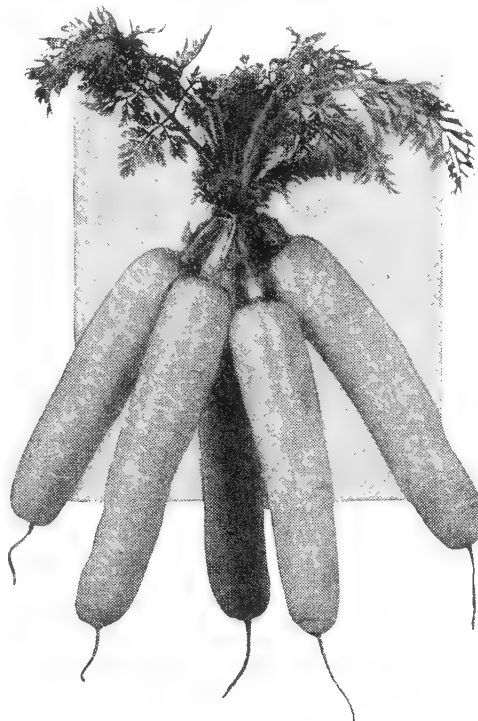
## Stock Carrots

Carrots make excellent feed for livestock. They may be substituted for grain or other concentrates to the extent of replacing one-half of the dry matter. When thus used 8 to 10 pounds of roots will replace 1 pound of concentrates. Roots can be produced for from \$4 to \$5 per ton. See page 28 for other root crops.

111. **LONG ORANGE BELGIAN.** (90 days.) While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, is especially desirable for that purpose. The roots are mammoth in size, about 20 inches long, yielding often as high as 10 tons per acre. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.60, postpaid.



Frostproof Cabbage Plants.



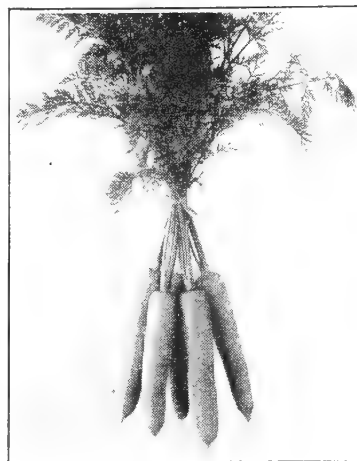
Scarlet Nantes.

★104. **SCARLET NANTES OR CORE-LESS.** (70 days.) A delicate flavored carrot of the finest quality. Roots bright orange, crisp and tender. Cylindrical shaped and blunt ended. Excellent for forcing. Very brittle and must be dug with care. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

★107. **RED CORED CHANTENAY.** (72 days.) This strain of Chantenay produces very smooth roots of even shape and size and free from eyes on the roots. The color is a rich orange, the core practically the same color. The carrots measure about 5½ to 6 inches in length, evenly stump rooted, with very small tail roots. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

## OLDS' CHILDREN'S COLLECTION

50C. Here is a collection of items that will delight the children. One full size packet each of Mammoth Virginia Peanuts, Tom Thumb Pop Corn, Klondike Watermelon, Mixed Annual Flower Seeds. All for 20c, postpaid.



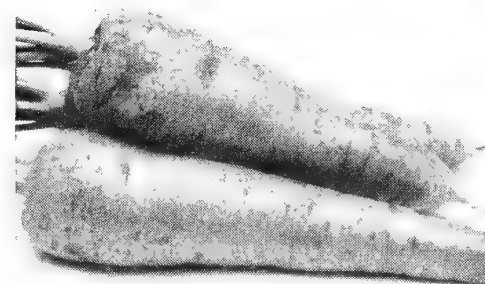
New Bunching.

101. **NEW BUNCHING.** (75 days.) Developed primarily for a bunching carrot for market gardeners but because of its fine flavor and attractiveness we recommend it to the home gardener. New Bunching is a cylindrical half-long orange throughout, core small and hardly noticeable. Tops are short, strong and rather bushy. The flesh is crisp, tender, sweet and of finest quality. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

105. **EARLIEST FRENCH FORCING.** (60 days.) The earliest carrot; best for forcing; roots almost round, 2½ inches through. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

102. **IMPROVED LONG ORANGE.** (88 days.) A well-known standard variety; roots 12 inches long, thick at the crown and tapering regularly to a point; color deep orange, suitable for both table and field crop. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

100. **DANVER'S HALF LONG.** (75 days.) A splendid carrot, grown for its productiveness and table quality. One of the best for home or market garden. Root 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.



Danver's Half Long.

## FROSTPROOF CABBAGE PLANTS

Frostproof Cabbage Plants are true to their name. They will stand frost and even freezing temperatures as low as 20 degrees above zero. Because of their great resistance to bad weather they can be planted early, just as soon as the ground can be worked. Normally you will gain three weeks by using frostproof plants. These plants are grown in Texas during the winter months and are shipped direct from our growing station at the proper time for planting. Because of the difficult conditions under which they grow, the plants have a somewhat wilted and stunted appearance, but regardless of their appearance when planted they make a steady growth.

We can supply the following varieties: EARLY JERSEY WAKEFIELD, COPENHAGEN MARKET, CHARLESTON WAKEFIELD, ALL HEAD, EARLY FLAT DUTCH. Please state variety wanted and time of shipment on your order. Prices: 1 bunch (approximately 50 plants), 55c; 2 bunches, 85c; 3 bunches, \$1.15; 4 bunches, \$1.50; 10 bunches, \$2.50; 20 bunches, \$3.75, postpaid. By express collect (South Texas), weight 25 lbs., 40 bunches, \$4.90; 120 bunches (approximately 6,000 plants), shipping weight 75 lbs., \$12.60. No plant orders accepted for c. o. d. shipment. Minimum order, 1 bunch of a variety.



# Olds' Cabbage

## WISCONSIN YELLOW RESISTANT

### FIRST GENERATION SEED



Wisconsin Ballhead.

**81. WISCONSIN BALLHEAD.** (100 days.) This strain of Yellows Resistant Cabbage was developed in answer to a demand for a late storage variety that would mature earlier and not as coarse as Wis. Hollander No. 8. In trials it has proven 100% resistant to Yellows. It is also more uniform and in fact more uniform than any of its type ever seen and is somewhat earlier than the No. 8. It was not bred from Wis. No. 8 but from an entirely new strain of cabbage. For market gardening, shipping and storage purposes it is second to none. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.45; lb., \$4.30, postpaid.

**75. WISCONSIN ALL HEAD EARLY.** (79 days.) A yellows resistant variety that can be planted early or late. It is the earliest of all the large cabbage. Heads deep, flat, and solid. Makes a fine winter cabbage if planted late. If but one variety of cabbage is desired, probably All Head Early is the best for all purposes. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

**87. WISCONSIN MARION MARKET.** (Wisconsin Copenhagen.) (75 days.) This is the yellows resistant strain of Copenhagen Market. A splendid cabbage for shipping and general use in home and market gardens. Considered the heaviest yielding early cabbage. Plants are medium sized, short stemmed and vigorous. The solid heads averaging about 7 inches in diameter are round and seldom burst in the field. Very attractive and excellent quality. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

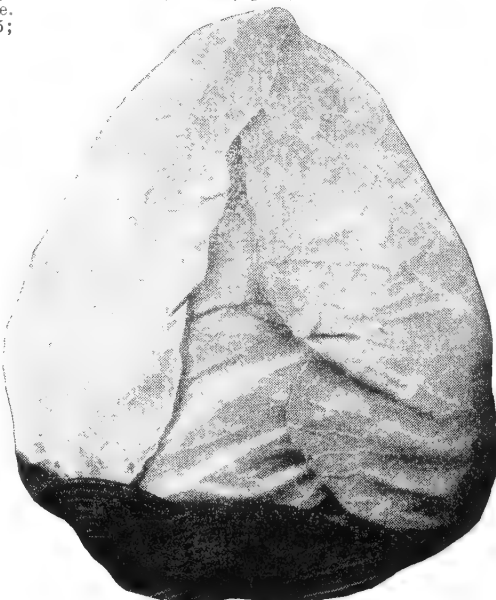


Wisconsin Marion Market.



A field of cabbage at Racine, Wisconsin, showing a test row of cabbage from good commercial seed in the center of a field of Yellows Resistant Wis. Holland No. 8 cabbage. A very few plants only out of hundreds set out, survived in this row. No clearer demonstration of the value of resistant seeds in districts affected by yellows could be given.

**79. WISCONSIN HOLLANDER NO. 8.** (105 days.) The same as No. 85 described on the next page, except that it is "yellows resistant." Wisconsin No. 8 is one of the most satisfactory strains of cabbage to grow for winter use and for a shipper. It will keep good and it has a heavy 7 to 8 inches in diameter solid head. The heavy heads are almost perfectly round, fine grained and with few outside leaves. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.40; lb., \$4.20, postpaid.



Wisconsin Jersey Queen.

**74. WISCONSIN JERSEY QUEEN.** (67 days.) A yellows resistant Wakefield Cabbage; just as early as Jersey Wakefield and identical in leaf and head growth. Quality is excellent. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

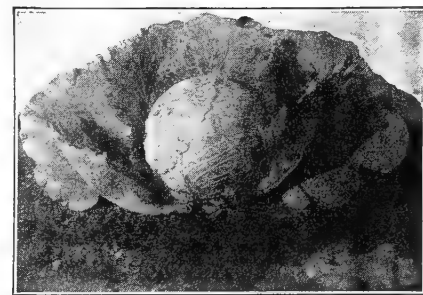
**89. WISCONSIN RED HOLLANDER.** (100 days.) A yellows resistant red cabbage. The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from 8 to 10 pounds. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00; lb., \$6.00, postpaid.

**76. WISCONSIN ALL SEASONS.** (90 days.) A yellows resistant all seasons. Excellent for either early or late use. A midseason, hardy variety that will withstand hot dry weather. Plants are medium sized, compact, short-stemmed and medium green in color. Heads are 9 inches broad and 7 inches deep, rounded at top and bottom. Very solid and of excellent quality. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

In growing good cabbage, it is necessary first to obtain the best seed produced. We have that kind. Our American varieties are of the best American strains, our Yellows Resistant Seed is First Generation Wisconsin grown. Cabbage requires deep mellow soil. One packet will produce 400 plants, ¼ pound produces enough plants for an acre.

"Please send us your catalog every year as we will always order Olds seed. It's the best seed we've found."

—Norman S. Olson,  
Wisconsin.



Wisconsin Globe.

**77. WISCONSIN GLOBE.** (80 days.) A wonderful "Yellows Resistant" second early cabbage. It has short stems, round heads and is a very vigorous grower. A sure header and of excellent quality. A good yielder on any fair soil. This cabbage is a selection from Glory of Enkhuizen and is the same in season as that variety. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

**78. WISCONSIN FLAT DUTCH.** (100 days.) This is the yellows resistant strain of late Flat Dutch. A variety that has always been popular both for the home and the market. Heads very large and flat but deep. Often from 12 to 14 inches across and 7 inches in depth. Weight from 12 to 14 pounds. Firm and of good quality. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

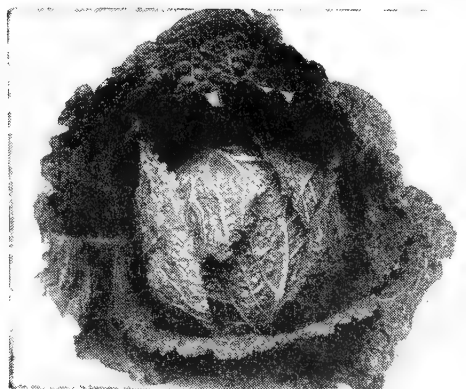
**72. WISCONSIN GOLDEN ACRE.** (60 days.) The earliest round headed cabbage. Similar to regular Golden Acre, but resistant to yellows. Plants are small and compact allowing close setting. Excellent quality. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.60; lb., \$4.75, postpaid.



Wisconsin Racine Market.

**71. WISCONSIN RACINE MARKET.** (64 days.) A yellow resistant selection from a very early strain of Copenhagen Market. Similar in leaf and head type to that variety except that the leaf color is grey-green rather than yellow-green. In general it can be termed a yellows resistant strain of Golden Acre. It is very early and uniform. Heads are round, solid and of a superior quality. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.

# OLDS' CABBAGE NON-YELLOWS RESISTANT VARIETIES



Chieftain Savoy.

**83. CHIEFTAIN SAVOY.** (90 days.) Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves very much crumpled. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.



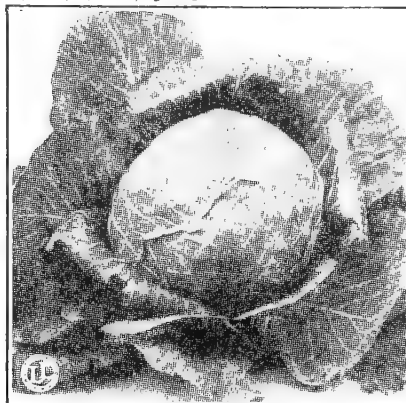
Premium Late Flat Dutch

**82. PREMIUM LATE FLAT DUTCH.** (100 days.) This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.10; lb., \$3.25, postpaid.

**CULTURE:** For early use sow the seed in hot-beds during February and March and transplant in the open ground as soon as danger of freezing is over, in rows 2 feet apart and 18 inches apart in the row. For second early sow in April and transplant in May and for the late varieties sow about May 10th and transplant from the middle of June to the first of July.

The figure after the name gives the time required to form mature heads after setting plants.

**69. CHINESE CABBAGE, MICHIHLI.** (72 days.) The newest and best Chinese cabbage. See page 1 for illustration and description. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00; lb., \$6.00, postpaid.



Golden Acre.

**73. GOLDEN ACRE.** (64 days.) Earliest of all varieties. It is an extra early selection of the Copenhagen type. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. A good winter variety if planted late. Quality excellent. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75, postpaid.

**68. GOLDEN ACRE ELITE STOCK.** This is an imported strain from Denmark that we recommend to truck gardeners. Oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.

**84. COPENHAGEN MARKET.** (69 days.) An excellent short season type. Outer leaves few and of gray-green color. Short stems. Heads large, round, solid, and of superior quality. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75, postpaid.

**86. OAKVIEW BALLHEAD.** (105 days.) Our new heavy yielding late cabbage. See page 3. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75, postpaid.



**85. HOLLANDER OR DANISH BALL-HEAD.** (105 days.) The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. The most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.10; lb., \$3.25, postpaid.

**80. ALL SEASONS.** (90 days.) Can be used for either early or late. Heads large, round and deep. A late second early. A good keeper and a favorite with gardeners. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

**88. GLORY OF ENKHUIZEN.** (77 days.) A very attractive second early of large size with keeping qualities and flavor. A sure cropper. Heads 9 inches in diameter, are round and solid. Excellent as a kraut cabbage. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.10; lb., \$3.25, postpaid.

**70. EARLY JERSEY WAKEFIELD.** (65 days.) Early Jersey Wakefield is the best known and most popular extra early pointed head cabbage in cultivation. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.

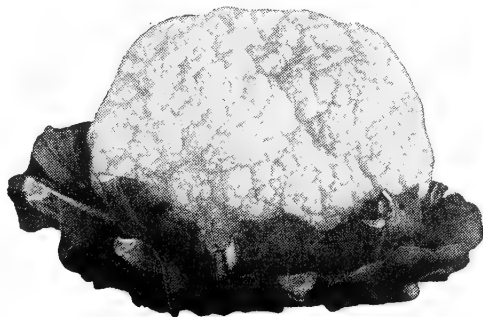
## FROST PROOF CABBAGE PLANTS

Produced in Texas during the winter months. Can be planted early as they withstand temperatures as low as 20°. See page 7 for description and prices.

# OLDS' CAULIFLOWER

**★90. IMPROVED EARLY SNOWBALL.** (60 days.) One of the most popular early varieties either for the home or market garden. The medium sized, snow white heads (six to ten inches in diameter) are firm, compact and solid, with few short upright leaves. Pkt., 20c; 2 pkts., 35c; ¼ oz., 70c; ½ oz., \$1.20; oz., \$2.00; ¼ lb., \$6.00, postpaid.

**93. DRY WEATHER.** (68 days.) The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads, too. Larger than Snowball and is a sure header. Pkt., 25c; 2 pkts., 45c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.20; ¼ lb., \$6.50, postpaid.



Dry Weather.



Danamerica.

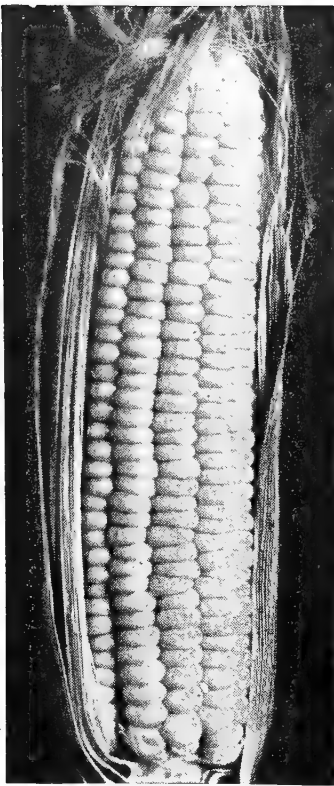
**92. DANAMERICA.** (90 days.) It heads much in the same manner as Super Snowball and matures at one time. The stem is stout and strong with leaves that form a heavy, compact upright foliage that presses tightly together on the stem. The heads are especially deep, very fine, heavy and snowy white. Under proper growing conditions will yield practically 100% first grade heads. Pkt., 25c; 2 pkts., 45c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.20; ¼ lb., \$6.50, postpaid.

Olds' Cauliflower Seed is the best that can be produced. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. The figures after the name show time required to produce heads after setting plants.

**★91. SUPER SNOWBALL.** (55 days.) The earliest and most uniformly heading cauliflower. The heads are large, deep and solid and have a pure white color. Foliage strong and vigorous, forming a good protection. The crop can be completely harvested four months from the time the seed is sown. Pkt., 25c; 2 pkts., 45c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.20; ¼ lb., \$6.50, postpaid.



Super Snowball.



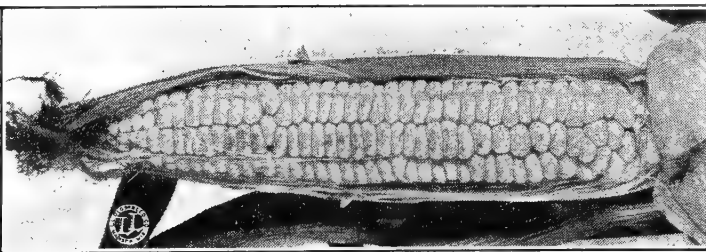
Golden Sunshine.

**148. GOLDEN SUNSHINE.** (76 days.) The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 5 to 7 days earlier than Golden Bantam. This valuable variety was developed and introduced by Dr. Yeager while at the North Dakota Agricultural Experiment Station. It has a rich, golden color; the ears are about one inch longer than the ears of Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. Our stock of this corn is especially fine. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

**146. GOLDEN or BANTAM EVERGREEN.** (88 days.) Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. A fine second-planting variety Evergreen type of ear with 14 to 18 rows. Kernels rich golden yellow, deep with tender hull, sweet and fine quality. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

**★136. WISCONSIN GOLDEN NO. 800.** (75 days.) The new second early hybrid sweet corn just released by the Wisconsin College of Agriculture. For flavor it just cannot be beat. See inside front cover for illustration and complete description. Pkt., 15c; ½ lb., 50c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

**144. GOLDEN GEM.** (65 days.) The ears of Golden Gem are rather small, averaging from 6 to 7 inches in length, 8 rows to the ear and often are two to the stalk. Golden Gem is 10 days ahead of Golden Bantam and the quality fully equal to that famous old variety. Ideal for the North. Stalks 4 feet. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.



Golden Gem.

# 

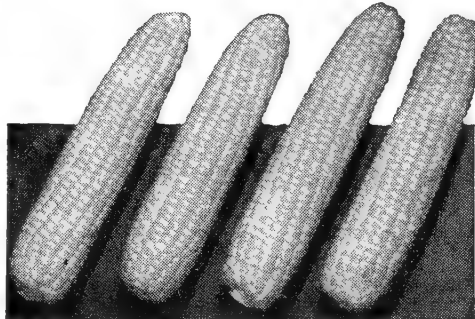
Our Sweet Corn is all first-class, high testing seed. Our packets each contain two ounces, larger than the usual packet and enough for 30 to 40 hills. About ten pounds will plant an acre. Varieties marked with ★ are excellent for freezing. For larger amounts see our Market Gardeners' List opposite page 1.

**143. BLENDED HYBRID SWEET CORN.** Hybrid Sweet Corn is undoubtedly the finest type of sweet corn. It is resistant to Stewart's Disease and for yield and quality cannot be excelled. It has one objection in the home garden in that it matures all at one time. To overcome this we have taken and mixed equal proportions of three hybrids, one of 70 days, one of 75 days and one of 90 days. By planting this mixture you will have the finest quality sweet corn throughout the sweet corn season. Pkt., 10c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

**139. COUNTRY GENTLEMAN.** (93 days.) Often called "Shoepeg" corn because of the long narrow pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with two to five big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

**138. HOWLING MOB.** (85 days.) This white variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Very productive, ears nine to ten inches long, with sixteen rows. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

**★137. GOLD RUSH HYBRID.** (69 days.) A new extra early hybrid of excellent quality that is ready 10 days ahead of Golden Cross Bantam. See page 1 for description. Pkt., 15c; 2 pkts., 25c; ½ lb., 45c; lb., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00, postpaid.

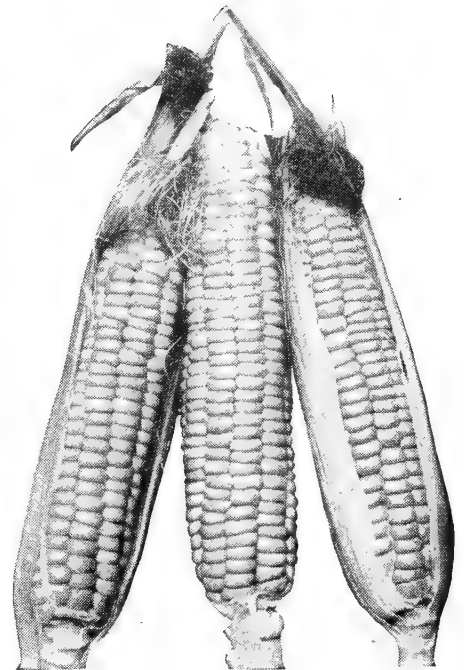


Golden Cross Bantam Hybrid.

**★141. GOLDEN CROSS BANTAM HYBRID.** (84 days.) A cross of two inbred Bantams. It is midseason about four days later than regular Bantam. Stalks average about 6 feet in height and very sturdy. Two ears are usually produced on each stalk averaging 8 inches in length. It will yield about 50 per cent more than regular Bantam and is resistant to Stewart's Disease. Hybrid corns are remarkable for their uniformity of stalk, ears, and time of ripening. For the home gardens it should be planted at intervals, otherwise it will all ripen at one time. For canning, this variety cannot be beaten. Quality is excellent. Pkt., 10c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

**145. EARLY EVERGREEN.** (88 days.) An extra fine strain of Stowell's Evergreen with large white ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

**SEMESAN JR.** Treat sweet corn seed for vigorous stands. See next page.



Golden Bantam.

**★142. GOLDEN BANTAM.** (80 days.) Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other open pollinated corn. The small 8-rowed ears, usually less than six inches in length and several on a stalk, are perhaps higher in sugar content than any other corn but the hybrids. It is only 10 to 12 days later than Golden Gem, making a good succession when both varieties are planted at the same time. The kernels are tender, very wide and of good depth, while the cob is small and the flavor delicious. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

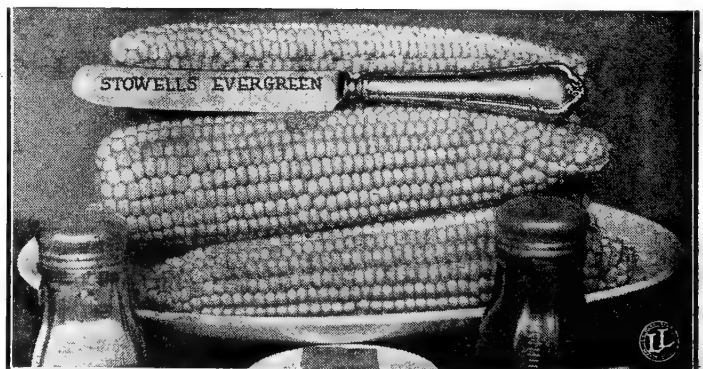
**140. BLACK MEXICAN.** (88 days.) One of the largest and sweetest of all varieties of sweet corn. Ears 8 to 10 inches long. Kernels white when in the eating state. The best second early for the home garden. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

## 

**136C.** Plant all at one time and you will have sweet corn over a long period.

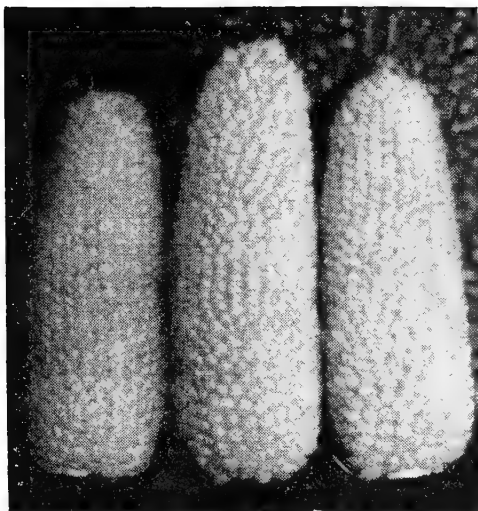
Golden Gem, first early; Golden Bantam, second early, and Country Gentleman, late. One pkt. of each of the three, 20c; ½ lb. of each, 65c; 1 lb. of each, \$1.15, postpaid.

**★147. STOWELL'S EVERGREEN.** (96 days.) The best known and most largely planted of all late white varieties. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use, hence the name, Evergreen. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.





# OLDS' POP CORN



Minhybrid.

**SEMESAN JR. INCREASES CORN YIELDS**  
"Semesan Jr." improved the vigor of growth and rate of development of seedlings grown from Diplodia-infected seed.

Semesan Jr. costs only 2½c per acre and will reduce seed rotting, check seedling blight and certain seed-borne rots of root and stalk. Gives corn the healthy start necessary for a big yield. Only 1½ ounces needed per bushel. Prices: Pkt. (1½ ozs.), 17c; 12-oz. can, 62c, postpaid. By express or freight f. o. b. Madison: 25 lbs., \$13.85; 100 lbs., \$49.95. Prices and sizes subject to change.

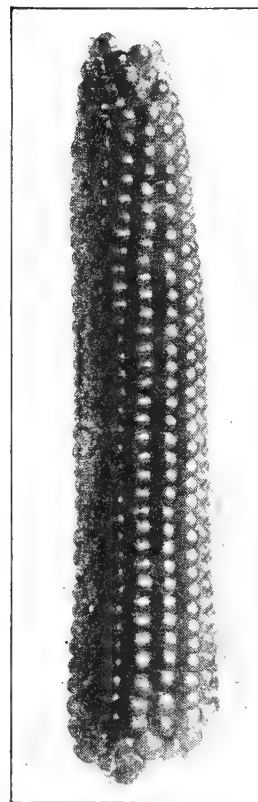


**151. MINHYBRID.** (83 days.) The Minnesota Experiment Station has developed a Hybrid Hulless or Tom Thumb Pop Corn which seems to be the last word in pop corn. Like all hybrids, it stands up well, has a heavy root growth, and develops a large ear. In developing this hybrid, popping qualities and size were of first importance. It matures earlier than Hulless and is resistant to smut damage. Trials show a 16 per cent greater yield and 29 per cent greater popping expansion. Prices: Pkt., 15c; 2 pkts., 25c; ½ lb., 50c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

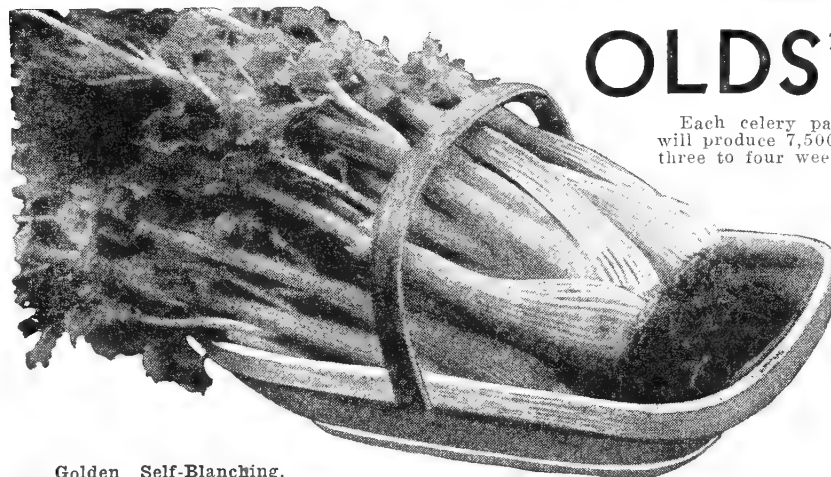
**154. TOM THUMB OR HULLESS.** (85 days.) Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hulless and when popped there is no hard center, making it the finest eating of all varieties. It is a favorite in all markets. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60, postpaid.

**150. WHITE RICE.** (95 days.) The familiar shoepegged variety, several good sized ears to each stalk. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60, postpaid.

**153. SOUTH AMERICAN MUSHROOM.** (105 days.) Also called T-N-T. Popular for making caramel corn. The kernels are large, of a deep orange color, nearly round in shape and smooth. When popped the kernels are mushroom shaped with a very delicious flavor and a buttery color. Not as tender as the hulless kinds. It is an immense yielder with stalks growing to a height of 6 to 8 feet, producing 2 to 3 large ears, 9 inches long or over. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60, postpaid.



South American.

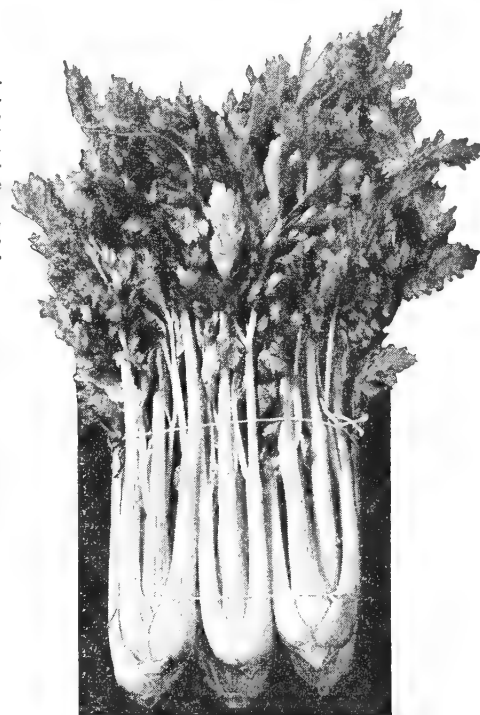


Golden Self-Blanching.

# OLDS' CELERY

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants. Leaflet on celery culture, free on request. Seed requires three to four weeks to germinate.

**124. SUMMER PASCAL.** (85 days.) A new early green celery for summer use. See page 2. Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00, postpaid.



Non-Bolting Golden Plume.

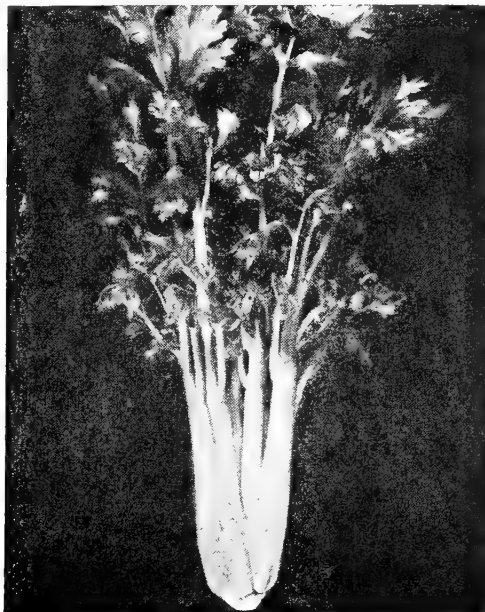
**117. GOLDEN SELF-BLANCHING.** (85 days.) (American Grown.) The leading white early variety of celery and for many years first in importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

It is the earliest to mature, and not liable to blight. A good keeper and shipper. Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

**121. WINTER QUEEN.** (130 days.) A desirable winter variety. Of medium height, broad, light green stalks; very solid and crisp. Heart blanches creamy-white. Pkt., 10c; ½ oz., 55c; oz., 90c; ¼ lb., \$2.75, postpaid.

**118. GIANT PASCAL.** (130 days.) A standard fall and winter green variety, but not a good shipper on account of its tender stalks. The stalk is of medium length and green; is very thick and nearly round, but flattened toward the base. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.75, postpaid.

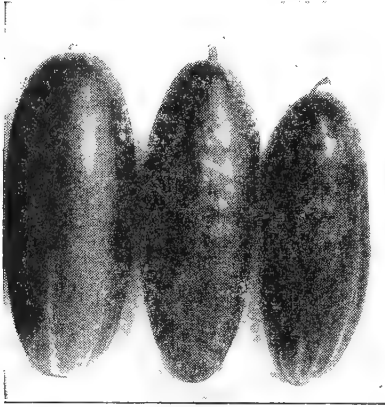
**123. UTAH.** (125 days.) The best green variety for fall use maturing about a week to ten days earlier than Giant Pascal. Plants sturdy, compact, and exceptionally solid. Stems are broad but thick and well rounded. Of excellent quality and rich nutty flavor. Often sold in stores as Pascal. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.



Utah.

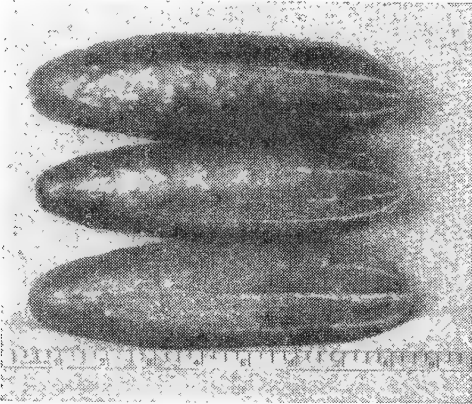
**122. NON-BOLTING GOLDEN PLUME.** (90 days.) A new variety recommended for early planting in the North where under unfavorable conditions all other strains will bolt to seed. Plants are medium size, stalky, full hearted and compact. The thick solid stalks blanch readily to a clear creamy white which are of the finest table quality. Pkt., 15c; ½ oz., 70c; oz., \$1.25; ¼ lb., \$3.75, postpaid.

# OLDS' SELECT CUCUMBERS



Stays Green.

**157. STAYS GREEN (Black Diamond).** (60 days.) A popular early, dark green cucumber, grown extensively in the South for Northern markets. It is a White Spine variety; fruits symmetrical, nearly square ended, averaging 8x3 inches in size. Stays green, holds its deep green color longer than any other cucumber. The flesh is clear white, crisp and solid and contains very few seeds. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.15, postpaid.



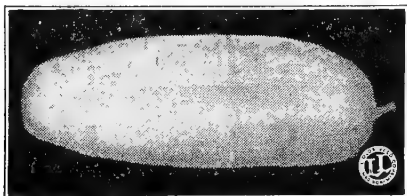
Ace.

**167. ACE or A and C.** (68 days.) This cucumber is very uniform in length. Size 8½x2¼ inches with an average weight of about two and one-half pounds. The dark green fruits taper at both ends and flesh is very thick. Vigorous and high yielding. Holds its color well. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.50, postpaid.

**169. DAVIS PERFECT.** (65 days.) White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Fruits are tapering at both ends and are a deep green color when in the slicing stage; medium late. Crisp and of good quality. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.35, postpaid.

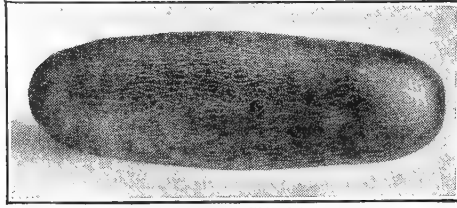
**156. EARLY GREEN CLUSTER.** (55 days.) A small variety, about six inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Used for pickles. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.15, postpaid.

**171. WHITE WONDER.** (60 days.) A beautiful snow-white cucumber that retains the white color when fully ripe. Smooth, 8 to 10 inches long, and very uniform. The flavor is very pleasing and the flesh firm and crisp. White Wonder is a heavy bearer and is fine for slicing and pickles. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.35, postpaid.



White Wonder.

**CULTURE:** Plant in hills 4 feet apart, as soon as the weather is favorable, sowing 8 to 12 seeds to a hill and covering about one inch deep. When the fourth leaf appears, thin to 3 plants to the hill. Hotkaps will hasten growth and protect plants. See page 6. A packet will plant 12 to 15 hills, two pounds one acre. Be sure and have the ground free from clods in growing long varieties. This will insure straight fruits. Use Slug Shot or End O Pest for the striped bugs.



Japanese Climbing.

**170. JAPANESE CLIMBING.** (58 days.) A distinct variety which can be planted to cover trellises and fences. When in the slicing stage it is of dark deep green color. It is a black-spined variety used primarily for slicing. Average fruits measure 9¾x3 inches. It is one of the most vigorous and disease-resistant growing cucumbers on our entire list and the edible qualities are fine. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.35, postpaid.

**165. IMPROVED LONG GREEN.** (70 days.) A standard main crop, black spine, table and pickling variety. Vines vigorous and productive. Fruits are 12 to 14 inches long, firm and crisp. Color deep green, flesh white and firm. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.40, postpaid.

**168. EARLY RUSSIAN.** (52 days.) The earliest cucumber in cultivation. This variety can be picked early for bottle cucumbers or allowed to grow just a few days longer for first early slicers. It is very even, smooth, tender, crisp and is hardy and free from disease. Black spines. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.15, postpaid.

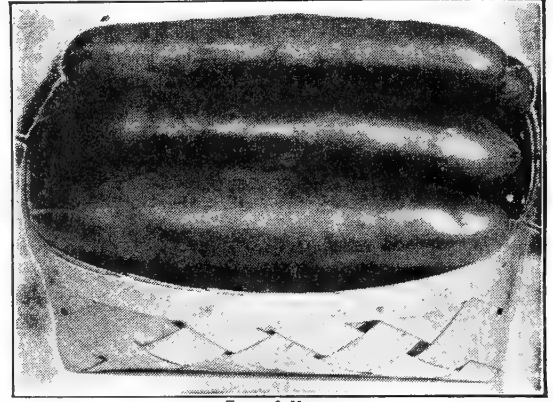
**160. EARLY FORTUNE.** (65 days.) Generally considered the finest type of all the White Spine varieties of cucumber. Very productive and disease-resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.15, postpaid.

**162. CUBIT.** (60 days.) Our new white spine slicer. See page 2 for illustration and description. Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$2.80, postpaid.



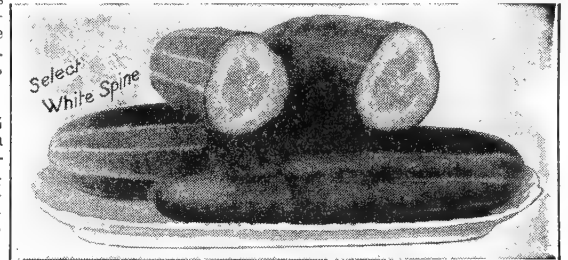
Chicago Pickling.

**158. IMPROVED CHICAGO PICKLING.** (59 days.) Our best seller of all cucumbers. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. An excellent pickling variety and early slicer. Fruits medium green, nearly square ended. Average 6½x2¼. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.15, postpaid.



Longfellow.

**172. LONGFELLOW.** (70 days.) The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. White spine. The color is dark green and will remain so until ripe. Pkt., 10c; oz., 35c; ¼ lb., 95c; lb., \$2.50, postpaid.



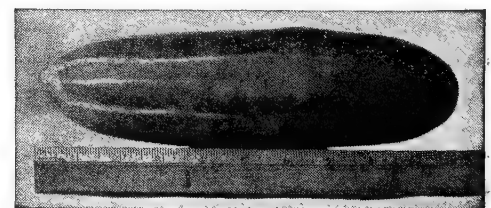
**164. SELECT OR IMPROVED WHITE SPINE.** (65 days.) A popular white spine cucumber for the home garden and grown quite extensively for shipping and market. Fruits medium dark green averaging 7 inches in length by 2½. Slightly tapered and blunt. Remain in good condition remarkably long. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.25, postpaid.



Straight Eight.

**163. STRAIGHT EIGHT.** (68 days.) This outstanding variety produces symmetrical, cylindrical fruits about eight inches in length and one and one-half inches in diameter. Fruits are well rounded at the ends and of a deep green color when ready to use. They are free from objectionable striping or tipping. An ideal home and market variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$2.80, postpaid.

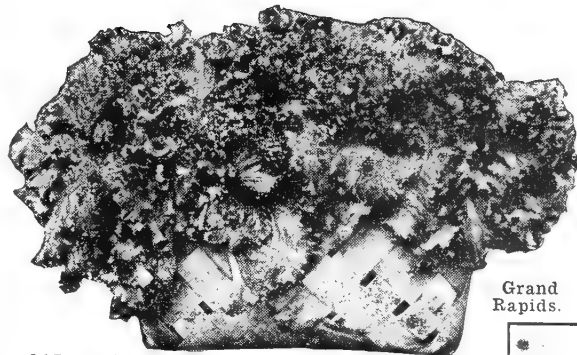
**161. COLORADO.** (68 days.) Received the silver medal in the 1935 All-America trials. Fruits of very dark green measuring eight and one-half by two and a quarter inches. Cylindrical in shape, tapering at the stem end with small seed area. Splendid for market and shipping. Outstanding both in appearance and for slicing texture. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.50, postpaid.



Colorado.

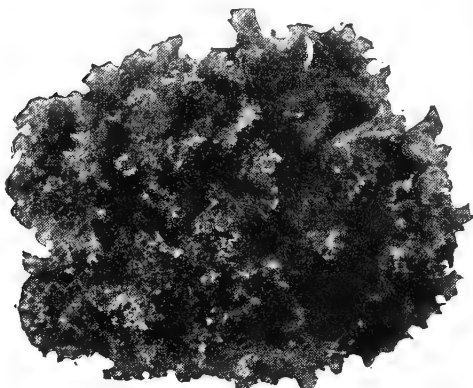


# Olds' Crispy Lettuce



Grand Rapids.

**215. GRAND RAPIDS.** (Earliest Forcing.) (43 days.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

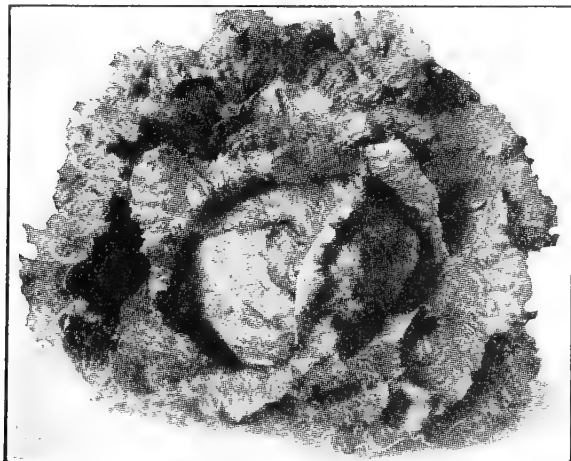


Black-Seeded Simpson.

**219. BLACK-SEEDED SIMPSON.** (46 days.) Probably the most widely planted loose-leaf variety. The leaves, light green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.85, postpaid.

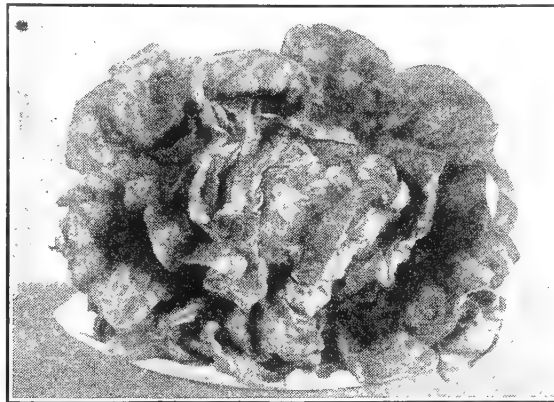
"This is our 36th year we have bought seed from Olds and find them very good."  
—Frank P. Gromman,  
Illinois.

**218. NEW YORK NO. 12 OR WONDERFUL.** (70 days.) The largest head lettuce of all and the most popular. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Ready for market in 65 to 70 days from planting time. Pkt., 15c; oz., 45c; ¼ lb., \$1.40; lb., \$4.10, postpaid.



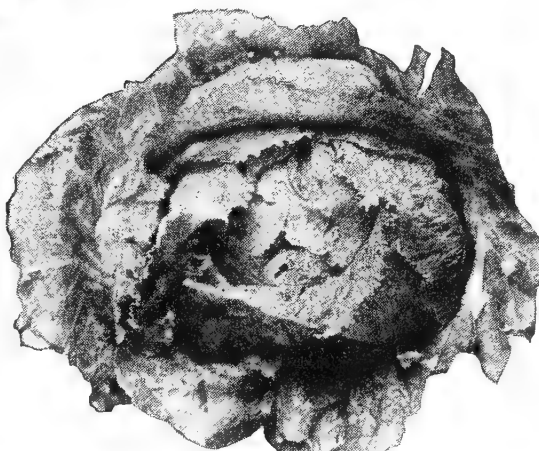
New York or Wonderful.

**CULTURE:** A light rich soil is best for this vegetable but it will do well on practically any good garden soil. The best lettuce will be had by keeping the crop growing rapidly. Leaf lettuce should be planted in the open ground as soon as it can be worked. Sow in rows and thin to a distance that will allow proper growth. Head lettuce should be started either in cold frames and transplanted in the open or sown in about the same manner as the loose leaf. The plants should be thinned to about 12 inches apart. A packet will sow 25 or 30 feet. Three pounds will sow an acre.



May King.

**227. MAY KING.** (63 days.) A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best extra early-heading sorts. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

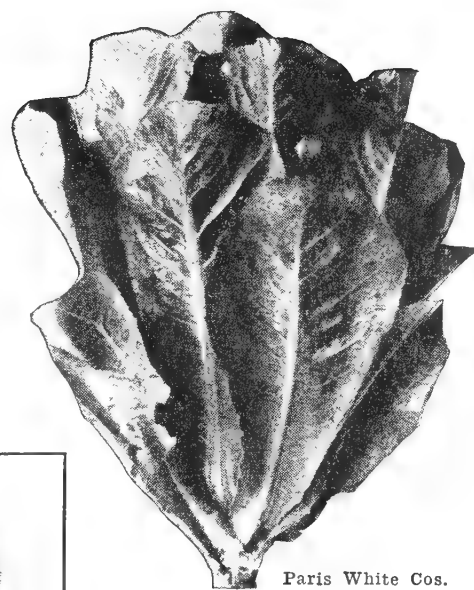


Iceberg.

**216. ICEBERG.** (84 days.) A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Very popular in the Northwest. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.40, postpaid.

**217. GREAT LAKES.** (75 days.) A slow seeding head lettuce of the Iceberg type. See page 2 for illustration and description. Pkt., 15c; oz., 65c; ¼ lb., \$2.00; lb., \$5.90, postpaid.

**229. COSBERG.** (70 days.) A U. S. Department of Agriculture cross between Paris White Cos and Iceberg. In our trials the surest heading lettuce for growing in the North, and we emphatically recommend it for the home gardener. It will head in summer weather and resist tip burn. Heads are small, compact, and outer leaves are light yellowish green, crumpled and frilled. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.70, postpaid.

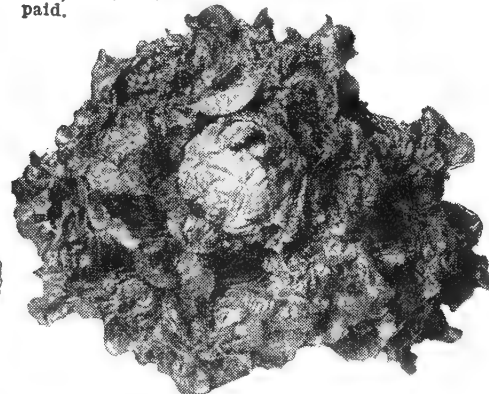


Paris White Cos.

**231. PARIS WHITE COS.** (66 days.) The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads which are self-blanching. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.85, postpaid.

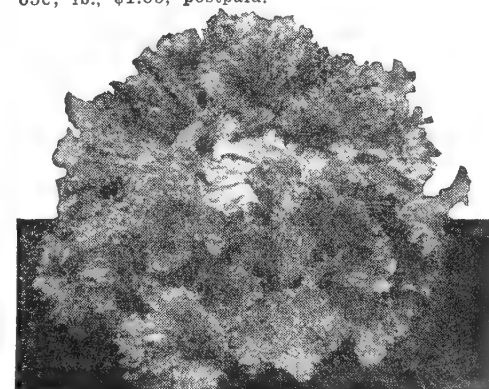
**221. OLDS' OAKLEAF.** (50 days.) A distinct type of lettuce and one of our specials. See inside front cover for color illustration. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.60, ppd.

**230. CHICKEN LETTUCE.** A medium green, loose curly leaf lettuce that grows tall. Leaves are thick with straight edges. The largest lettuce in cultivation, especially at maturity when it begins to seed. Used for feeding pets, chickens, ducks, and also for pickling. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.85, postpaid.



Early Prize Head.

**220. EARLY PRIZE HEAD.** (47 days.) One of the best known and most popular varieties in America. It is not a head lettuce but a curled, crisp, loose leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.85, postpaid.



Cosberg.

# OUT OF THE ORDINARY VEGETABLES



Green Sprouting Broccoli.

## BROCCOLI

★97. **GREEN SPROUTING.** (60 days.) Hardier and easier to grow than cauliflower. This new and distinct variety of Broccoli forms a plant with a large solid head that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.50, postpaid.



Brussels Sprouts.

## BRUSSELS SPROUTS

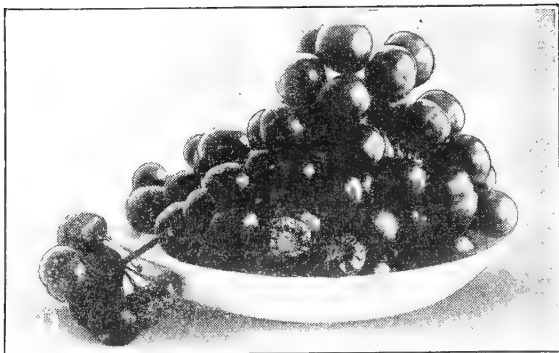
Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage.

★65. **LONG ISLAND.** (95 days.) The plants are strong and robust, and the stalks are large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts are fine and solid the entire length. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20; lb., \$3.60, postpaid.

## CRESS.

The green leaves are used for salads and flavoring.

134. **EXTRA CURLED.** (50 days.) (Pepper Grass.) The best variety. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 90c, postpaid.



Garden Huckleberry or Wonderberry.

## KOHL RABI

Kohl Rabi has a mild turnip and cabbage flavor. The bulb, which is formed above the ground, is cooked when young and tender like turnips. Just as easy to grow as a radish.

205. **EARLY WHITE VIENNA.** (60 days.) Probably the best early variety. Small tops. Medium size, handsome, white bulbs. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

206. **PURPLE VIENNA.** (63 days.) A popular purple variety for table use. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.



Early White Vienna Kohl Rabi.

## CARDOON

98. **TENDERHEART.** Popular with the Italian folks. Large fleshy leaved thistle-like plants cultivated for the thick leaf and midrib stocks. Must be blanched like celery or endive before using. Leaves when cooked are tender, and have an agreeable flavor. Pkt., 15c; ½ oz., 65c; 1 oz., \$1.25, postpaid.

## CELERIAC (ROOT CELERY)

125. **NEW GIANT PRAGUE.** (115 days.) A type of celery where the roots are eaten instead of the tops. An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about two inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50, postpaid.

## CHINESE CABBAGE See page 1.

## CHICORY

The Winter Delicacy.

130. **WITLOOF CHICORY.** (140 days.) (French Endive.) A delicious winter salad. Grown for its delicate shoots which are produced from the roots in winter storage. Pkt., 10c; ½ oz., 40c; oz., 60c; ¼ lb., \$1.75, postpaid.

## CHIVES (Schnittlauch)

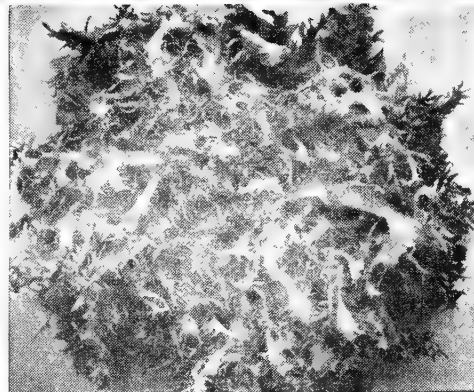
279. Chives belong in the perennial class of onions. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Only the tops are used for cooking. A pretty plant in the rock garden, with its purple blossoms. Pkt., 15c; 2 pkts., 25c; ½ oz., 60c; oz., \$1.00, postpaid.

## POTATO EYES

Home gardeners who want a few hills of select certified potatoes in their garden will find our potato eyes offered on page 73 most excellent. They are mailed when weather permits in the spring, specially packed to keep in perfect condition for several weeks. Plant two eyes to the hill, 5 inches deep, in rows 3 feet apart, and 1½ feet apart in the rows.

## GARDEN HUCKLEBERRY

200. **GARDEN HUCKLEBERRY or WONDERBERRY.** A wonderful, prolific plant needing same culture as tomatoes. When ripe the berries are about one inch in diameter, of shining black color. They make delicious pies, preserves and jam. Fruit is bitter when not fully ripened. Recipe for use on each packet. Pkt., 10c; ½ oz., 50c; oz., 95c; ¼ lb., \$3.00, postpaid.



Green Curled Endive.

## ENDIVE

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It can also be used for flavoring stews and soups.

185. **GREEN CURLED.** (96 days.) Dark green leaves; blanches white. Very attractive. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

186. **WHITE CURLED.** (96 days.) Leaves finely cut and almost white. Fine for salad. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.80, postpaid.

187. **BROAD-LEAVED BATAVIAN.** (85 days.) Leaves very broad. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

188. **DEEPEART FRINGED.** Our new Endive. See page 2. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

## EGG PLANT

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried to a crisp brown.

181. **BLACK BEAUTY.** (83 days.) The best egg plant to grow for market. Also excellent for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.

182. **BADGER STATE.** (70 days.) Developed from a cross, made at the Wis. College of Agriculture in 1932, between Black Beauty and Black Bountiful. It is quite similar to New Hampshire Hybrid, but in our trials it was more desirable as it was just as early, more upright in growth and more productive. The fruit is about 7 inches in length, bright purple, and become larger gradually symmetrically toward the base. The color is uniform dark purple and they contain fewer seeds than either Black Beauty or New Hampshire Hybrid. It is the best egg plant for northern planting. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.60, postpaid.



Badger State Egg Plant.

## CITRON

**275. COLORADO PRESERVING.** (95 days.) Green seeded, perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

## GROUND CHERRY

**455. HUSK TOMATO or GROUND CHERRY.** (73 days.) The small sweet yellow fruit has a flavor all of its own. Protected by the loose-fitting outer husk. Excellent for pies and preserves. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.10, postpaid.

## GOURDS

**199. MIXED LARGE.** This mixture contains a very wide range of colors, shapes and sizes such as Club, Calabash, etc. Makes fine birdhouses. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00, postpaid.

**995. MIXED, ORNAMENTAL.** Quickly makes a dense growth of vines. Do not plant near squash or pumpkin. It will make them bitter. Large types make fine birdhouses. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c, postpaid.

## OLDS' HERBS

**480. ANISE.** The leaves are finely fringed; used in garnishing and flavoring. Pkt., 10c; ½ oz., 50c; oz., 90c, postpaid.

**481. BALM.** (Perennial.) The leaves are very fragrant; used to flavor summer drinks. Pkt., 10c; ½ oz., 50c; oz., 90c, postpaid.

**479. BASIL, SWEET.** An annual herb growing about 2 feet high with a pleasant, sweet flavor. Use for flavoring foods. Leaves and flowers are used either fresh or dried. Pkt., 10c; ½ oz., 40c; oz., 70c, postpaid.

**482. BORAGE.** The leaves are used for flavoring cordials. It is also excellent as bee food. It grows freely; has beautiful sky blue flowers. Pkt., 10c; ½ oz., 50c; oz., 90c, postpaid.

**483. CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt., 10c; ½ oz., 40c; oz., 70c, postpaid.

**484. CORIANDER.** The seeds are used in pickles and confectionery. Pkt., 10c; ½ oz., 50c; oz., 90c, postpaid.

**485. DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

**486. HOREHOUND.** (Perennial.) Leaves are used in confectionery and for seasoning. Pkt., 15c; ½ oz., 80c, postpaid.

**487. LAVENDER.** (Perennial.) Leaves are used for seasoning and the dried leaves for sachets. Pkt., 15c; ½ oz., 80c; oz., \$1.50, postpaid.

**492. SAGE.** (Perennial.) Dried leaves much used for seasonings in dressings; the most popular of all herbs. Pkt., 10c; ½ oz., 70c; oz., \$1.25, postpaid.

**494. SUMMER SAVORY.** Dried leaves and flowers are used for flavoring soups and dressings. Pkt., 10c; ½ oz., 50c; oz., 90c, postpaid.

**488. SWEET FENNEL.** (Perennial.) Seeds are used in confectionery. The young shoots can be eaten raw or used in soups and salads for flavoring. The plants grow about three feet high with large yellow flowers. Pkt., 10c; ½ oz., 70c; oz., \$1.30, postpaid.

**489. MARJORAM.** (Perennial.) Sweet. Tops green or dried, used for flavoring soups. Pkt., 15c; ½ oz., 90c; oz., \$1.70, postpaid.

**490. ROSEMARY.** (Perennial.) The leaves are used for flavoring soups and meats. Pkt., 20c; ½ oz., \$1.20; oz., \$2.15, postpaid.

**496. THYME.** (Perennial.) The leaves and shoots are used for seasoning and flavoring sausage and other meats. Pkt., 25c; ½ oz., \$1.60, postpaid.

**498. WORMWOOD.** (Perennial.) The dried leaves are used as a poultry tonic. It has a fragrant, spicy odor and a bitter taste. Pkt., 15c; ½ oz., 85c; oz., \$1.50, postpaid.

**499. MIXED HERBS.** A mixture of all varieties. Pkt., 10c; 2 pkts., 15c, postpaid.

## OLDS' HERB PLANTS

Plants will be sent direct from our growing station about May 1st, weather permitting. They are packed in 2½, 3 and 3½-inch pmts. depending upon varieties. No orders accepted or filled C.O.D. or after the 10th of June. Minimum order 70c.

**505R. ANNUAL HERBS:** Sweet Basil, Chervil, Florence Fennel and Summer Savory. Prices: Each, 40c; 3 of a kind, \$1.15, postpaid.

**506R. PERENNIAL HERBS:** Lemon Balm, Burnet, Chives, Costmary, Germander, Horehound, Lovage, Sweet Marjoram, Pineapple Mint, Curly Mint, Oregano, Spearmint, Peppermint, Rue, Sage, Winter Savory, Sorrel, Southernwood, Kitchen Thyme, and Lemon Thyme. Prices: Each, 45c; 3 of a kind, \$1.25, postpaid.

**507R. SCENTED HERBS:** Rosemary, Green Lavender Cotton, True Tarragon. Also the following Scented Geraniums: Balm, Rose, Giant Oakleaf, Nutmeg, Pine, Robers Lemon Rose, Walnut Scented. Prices: Each, 45c; 3 of a kind, \$1.25, postpaid.



Olds' Mustard Spinach.  
(40 days from seed.)

## MUSTARD

Used for greens and salads during the hot summer months.

**257. SOUTHERN GIANT CURLED.** (60 days.) Most popular variety. Leaves large and wide, bright green and curly on the edges. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 85c, postpaid.

**259. MUSTARD SPINACH OR TENDER GREEN.** (50 days.) It is a very desirable quick growing, tender variety with long, broad, smooth leaves and white mid-ribs. The tender dark green leaves are usually ready for cutting in 3 to 4 weeks after planting. Dry weather will not injure the crop. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 85c, postpaid.

## SALSIFY OR VEGETABLE OYSTER

**397. MAMMOTH SANDWICH ISLAND.** (160 days.) This is the best variety of Salsify; in fact, the only one worth considering.

The roots are long, smooth and straight. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; ½ lb., \$2.00; lb., \$3.75, postpaid.

Recipe for use: Scrape the roots clean, cut up and boil in water. When cooked soft (do not drain), add milk and flavoring, the same as for oysters.



Giant Musselburg Leek.

## LEEK

Leeks belong to the onion family and are valuable for soups and salads; they may also be sliced and cooked like green peas.

**210. GIANT MUSSELBURG.** (145 days.) Long, thick, white stems. Medium green leaves. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$3.75, postpaid.

## OLDS' SWEET POTATO PLANTS

Sweet potatoes are easily grown in the North from plants, and we sell thousands of them each Spring. Free cultural leaflets are sent with each order. Plants are sent directly from our growing station about May 15 to the 25th.

**YELLOW JERSEY.** Skin and flesh light yellow, medium sized, excellent for the North.

**PUERTO RICO.** Red skin, orange flesh, sweet, moist, medium to large size. State variety wanted.

**NANCY HALL.** Moist, orange colored flesh, medium to large size.

Prices above varieties: 50 plants, 75c; 100 plants for \$1.25; 200 plants for \$2.20; 500 plants for \$3.95; 1,000 plants, \$6.95, postpaid.

Use our "Easy to Subscribe" Magazine Service. See COUPONS inside cover.

## OKRA

The long pods are used in soups and salads.

**278. EARLY DWARF LONG POD.** (55 days.) An early dwarf growing variety producing an abundance of long fruited, dark green, four-inch pointed pods. Seed of this variety can be planted in the open ground. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 95c, postpaid.

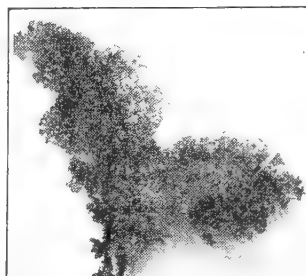


Early Dwarf Long Pod Okra.

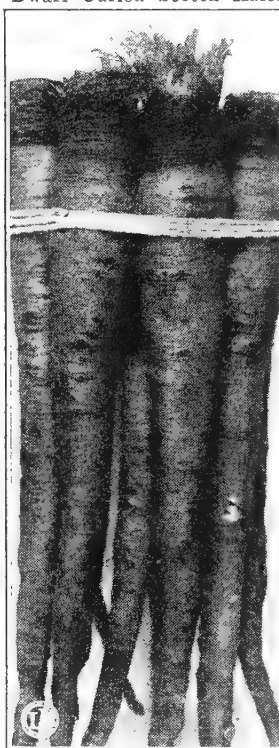
## KALE

Kale is usually grown for greens and is also used here in the North as winter green feed for chickens.

**★201. DWARF CURLED SCOTCH.** (60 days.) Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00, postpaid.



Dwarf Curled Scotch Kale.

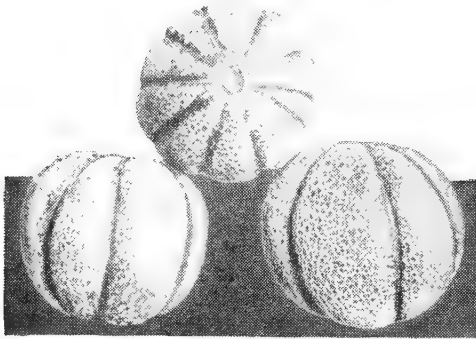


Salsify.





# OLDS' MUSKMELONS



Lake Champlain.

**235. LAKE CHAMPLAIN** or Golden Champlain. (78 days.) The extra early melon. On our trial grounds, the earliest, in fact, of all varieties. Lake Champlain is a round to oval melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. Melons are not very uniform as to type. An extra early melon for the home garden. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.



Honey or Sugar Rock.

**251. HONEY or SUGAR ROCK.** (90 days.) This melon has a deep orange flesh and a flavor different from other sorts. The fruits are oval and medium in size, not ribbed. This melon is not as large as the Milwaukee Market but is more productive and of better quality. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

**244. ROCKY FORD.** (92 days.) Just the right size to serve in halves. It is medium early with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green, of the finest quality; good shipper. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

**239. SELECT OSAGE.** (95 days.) An oval-shaped salmon-fleshed melon, exceptionally thick-meated, and spicy. The Osage has a reputation for fine quality. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.



Our muskmelon seed is taken from first set crown fruits. The seed is all cut by hand and melons not true to type are discarded.

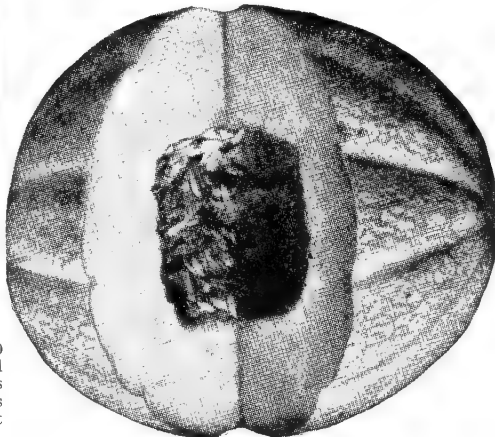
**CULTURE:** Muskmelons like a warm, rich soil, preferably sandy. Plant in the open ground as soon as the weather is warm. Plant seed in hills 4 to 6 feet apart each way and 8 to 10 seeds in a hill. After the danger of insects is over thin to 3 plants to a hill. One packet of seed will plant 10 to 15 hills; 2 to 3 pounds an acre. For larger amounts than quoted, see Market Gardeners' List, opposite page 1.

**243. BENDER'S SURPRISE.** (95 days.) A delicious, large, salmon-fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Fruits average eight inches by seven. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

**248. BANANA.** (100 days.) A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana. Fourteen inches in length and four inches in diameter. It is banana-colored and pink-fleshed. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

**253. HONEY DEW.** (110 days.) A distinct melon of the Casaba type. Smooth-skinned of a light cream color. Melons 8 to 10 inches. Flesh green and very sweet. Late. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.40, postpaid.

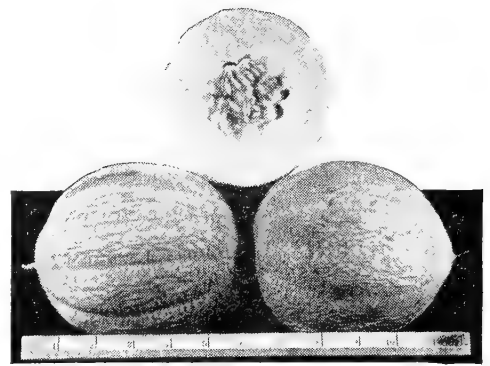
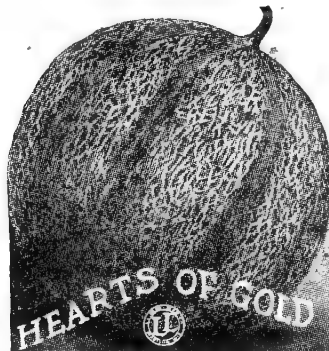
**237. CRANSHAW.** (102 days.) An Early Persian melon having a flavor similar to Honey Dew. The largest quality melon, fruits weighing 10 lbs. each. The large egg shaped melon, pointed at both ends, is very smooth dark green like a squash with the ends turning yellow when ripe. Flesh is orange-yellow and very thick and flavor exceedingly sweet. This melon brings the highest price of any on the market. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.



Milwaukee Market.

**241. MILWAUKEE MARKET.** (90 days.) One of the best melons for both market and home garden. Prolific, vigorous in growth and delicious in flavor. The skin is light green, fruits nearly round with a small seed cavity. Flesh a deep salmon color, thick, firm and solid. Seed is taken from the first set crown fruits. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

**247. HEARTS OF GOLD OR HOODOO.** (94 days.) (Improved Hoodoo.) One of the finest types of the early, small, salmon-fleshed melons. The melons are round, weighing about 1½ pounds each; lightly ribbed with a fine gray netting; flesh sweet, very thick, deep salmon color; seed cavity, very small. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

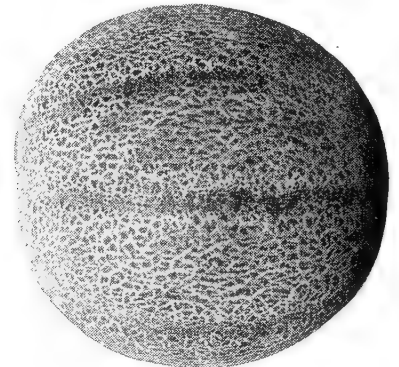


New Yorker or Schoons Hard Shell.

**240. NEW YORKER (Schoons Hard Shell).** (90 days.) This variety is growing in popularity with northern growers and seems to be taking the place of Milwaukee Market. The fruits, which weigh five to seven pounds, are thick, oval shape with a heavy blossom scar which resists cracking. Ribbing is prominent with coarse netting. Gray-green color becoming yellow at maturity. Very hard and tough. The thick flesh is deep salmon-orange, solid, well flavored and of excellent quality. Fruits average 6 inches in diameter, 7½ inches in length. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

**245. CRAIG.** (90 days.) Our favorite melon for the North and one of our specialties. See page 2 for illustration and description. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

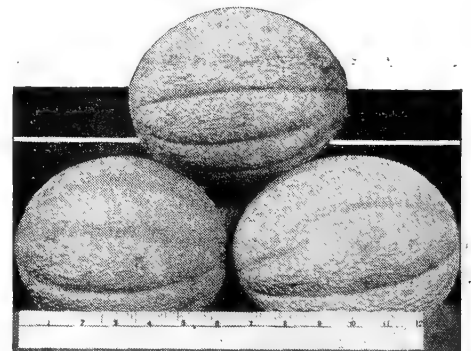
**252. IROQUOIS.** A new wilt resistant melon. See page 3. Pkt., 15c; oz., 40c; ¼ lb., \$1.10; lb., \$3.00, postpaid.



Hale's Best.

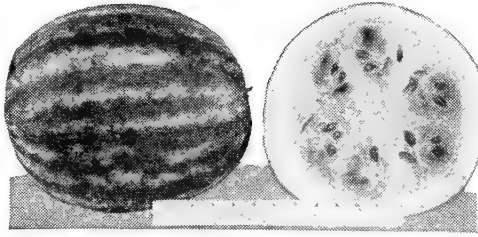
**242. HALE'S BEST.** (85 days.) An outstanding early-shipper melon. Fruits oval, inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of very fine quality. Fruits measure about 6½ by 5 inches in diameter. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.30, postpaid.

**246. PRIDE OF WISCONSIN.** (95 days.) The handsome fruits measure about seven by six inches and weigh about four pounds. The rind is very hard of a pearly gray color, faintly ribbed and heavily covered with a distinctive netting. The flesh is unusually pink and of excellent quality and flavor. The triangular seed cavity is almost compact. The flesh of this melon does not soften prematurely and it can be picked fully ripe and shipped long distances. The first fruits ripen in about 90 days and they are of uniformly large size and continue to bear throughout the season giving the grower many pickings of No. 1 fruits. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.40, postpaid.



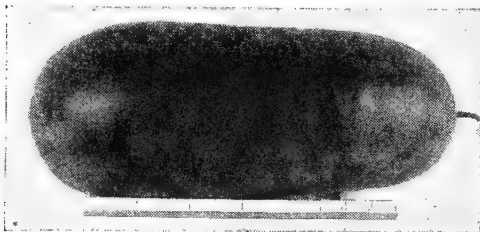
Pride of Wisconsin.

# Olds' Watermelons



Early Kansas.

**274. EARLY KANSAS.** (Red Russian.) (85 days.) Rapidly gaining wide popularity on the markets of the midwest and northern states. The size is large, many fruits weighing forty to fifty pounds. The average size is about 13 by 15 inches. It is remarkably early and of fine quality. Rind is dark green with alternate stripes of a lighter shade and is of medium thickness well suited for carrying reasonable distances. The flesh is rich red color of a delightful flavor. Seeds shiny brown. In comparison with Dixie Queen it is a trifle larger and earlier. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.



Leesburg.

**264. WILT-RESISTANT LEESBURG.** (85 days.) A wilt-resistant Kleckley Sweet developed by Dr. M. N. Walker of the Florida Experiment Station. Fruits average about thirty pounds in weight, not quite as long as Kleckley's and with blockier ends. Rind is a shade lighter in color and much tougher. Flesh deep rose-pink, extremely sweet and of fine flavor. Seeds white. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.70, postpaid.

**277. KLONDIKE.** (90 days.) (Dark Seeded Strain No 3.) We consider Klondike the best medium season melon and the very sweetest of all melons. The thin rind is dark green, shape long; very symmetrical; flesh distinct shade of red. Seeds small. It is very sweet, crisp and tender, and is a heavy yielder. The heart is very large. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.00, postpaid.

**272. GOLDEN HONEY.** (90 days.) The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and handsome appearance. The skin is green with irregular stripes of darker green. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

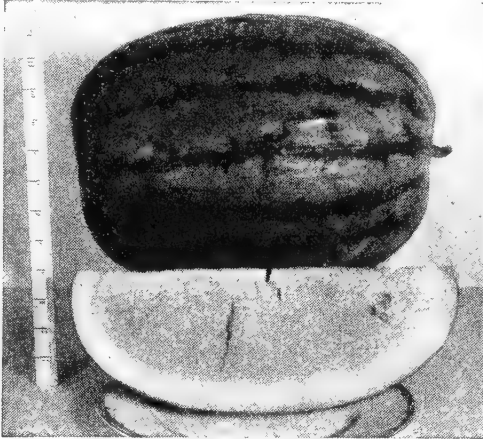
**269. WILT RESISTANT KLONDIKE NO. 7.** (90 days.) The desirable characteristics and quality of the old Klondike have been retained in this strain with the added feature of being wilt-resistant. The seeds are mostly black intermingled with lighter shades. The thin rind is dark green, shape long, very symmetrical. Flesh distinct shade of deep red. Seeds small. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.00, postpaid.



Wilt Resistant Klondike No. 7.

Our watermelon seed is the best for planting in the North. Each packet contains seed enough for 8 to 12 hills. Four or five pounds will plant an acre. Do not plant too early and plant in sandy soil if you have it. Hotkaps will produce earlier melons and protect your plants from insects. See page 6. It pays well to use fertilizer for melons.

**CULTURE:** Plant in hills 8 to 10 feet apart each way. When the danger of insects is over thin to 3 strong plants to a hill. Use Slug Shot or End O Pest to kill insects. For larger amounts of seed see Market Gardeners' List opposite page 1.



Dixie Queen.

**265. DIXIE QUEEN.** (85 days.) A medium-sized melon averaging about 32 pounds but often weighing as high as 50 pounds. Average size about 15x12½ inches. It is early and because of its tough rind is fine for shipping. The color is light green alternately striped with dark green. Desirable for the home garden because of its exceedingly fine quality. The flesh is dark pink with few small white seeds. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.00, postpaid.

**262. COLE'S EARLY.** (75 days.) Medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink. Seeds black. Nothing surer than this variety for hard situations. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

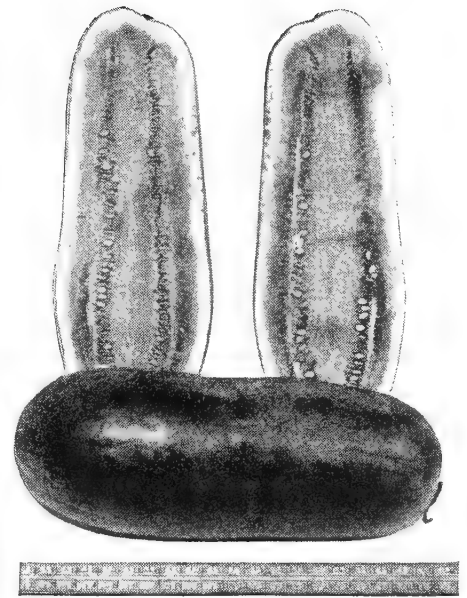
**260. STONE MOUNTAIN.** (90 days.) A very popular melon in the South where it originated and one of the finest. This melon is very large, round or blocky in shape. The flesh is rich scarlet, very sweet, with few seeds. Seeds white. A prolific melon but not recommended for shipping long distances. Rind of this variety makes the best pickles of any sort on our list. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

**266. EARLY CANADA.** (73 days.) Probably the earliest watermelon grown today. Recommended for the northern states and Canada. The size is medium, about 10x9½ inches, and fruits weigh about 15 pounds. Flavor is good. The outside color is grayish-green or almost white at maturity with fine green veins. The rind is thin and flesh is bright red with small mahogany-brown seeds. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.50, postpaid.

**263. FORDHOOK EARLY.** (75 days.) An extremely early variety. The melons are of good size and nearly round; the skin is dark green with occasional stripes of lighter green. The rind is thin; flesh, bright red, crisp, and remarkably sweet. Seeds white. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

**267. BLACK DIAMOND OR FLORIDA GIANT.** (90 days.) The popular new shipping melon. Grows to an enormous size. See page 2 for illustration and description. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.40, postpaid.

**276. WINTER or XMAS.** (85 days.) This melon is early, very prolific, almost round; color, light green. The flesh is red, sweet; almost as hard as a citron. If properly stored will keep for months. It is now becoming very popular on the market. Dip in wax to store for winter. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.50, postpaid.

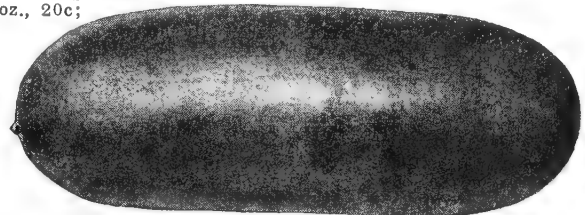


Wilt-Resistant Kleckley's Sweet No. 6.

**268. WILT-RESISTANT KLECKLEY'S SWEET.** (88 days.) A true Kleckley's Sweet which is wilt-resistant. Recommended for wilt-sick soil. If you have diseased soil, this is the variety to plant. It is dark green, of good length, with rich red flesh and white seeds. Average weight about 35 pounds. Size, 22x11 inches. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.90, postpaid.

**270. KLECKLEY'S SWEET.** (80 days.) A fine, well-known, medium early variety. It is a medium-sized dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. Seeds white. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

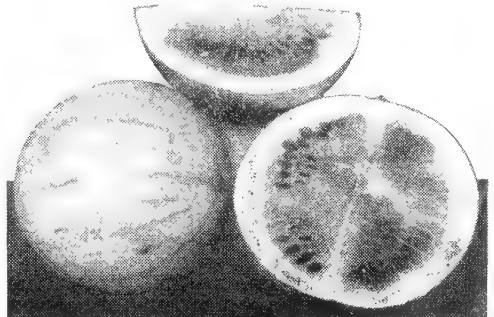
**273. ICEBOX.** (75 days.) An individual type watermelon about the size of a bowling ball, which we predict will become very popular. See page 1 for complete description and illustration. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$1.95, postpaid.



Tom Watson.

**271. TOM WATSON.** (90 days.) Red heart strain. The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Flesh deep red and of high quality. Seeds brown. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.

**261. SWEETHEART.** (90 days.) A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. Black seeds. A very popular variety. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.40, postpaid.



Winter or Xmas.

# Olds' Hand Selected Onions

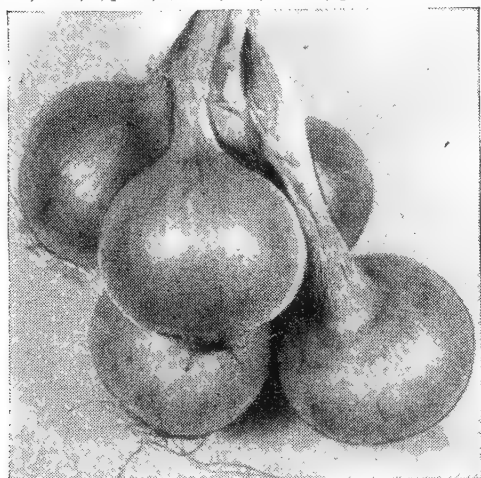


**291. SOUTHPORT RED GLOBE.** (110 days.) A large, handsome, dark red onion with small neck, small top and of mild flavor. Excellent keeping qualities. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.40; lb., \$3.50, postpaid.



Southport White Globe.

**292. SOUTHPORT WHITE GLOBE.** (110 days.) The best white onion. A handsome onion with a pure delicate paper-white skin. Flesh crisp, fine-grained, snowy white and mild; a good keeper for a white variety. Pkt., 10c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00; lb., \$4.90, postpaid.



Early Yellow Globe.

**286. EARLY YELLOW GLOBE.** (98 days.) The Earliest Commercial Onion. This onion is ten days ahead of Yellow Globe Danvers and an excellent keeper. The bulbs are deep yellow in color, true globe shaped, medium large in size with clinging skins, and very mild and sweet. Pkt., 10c; oz., 55c;  $\frac{1}{4}$  lb., \$1.60; lb., \$3.90, postpaid.

**285. YELLOW GLOBE DANVERS.** (110 days.) A solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow-white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is a good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$3.75, postpaid.

**290. SOUTHPORT YELLOW GLOBE.** (115 days.) A globe shaped onion of fine golden yellow color. Somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Pkt., 10c; oz., 55c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.80, postpaid.

**299. AUSTRALIAN BROWN.** Without any exception the most solid and longest keeping onion grown. (100 days.) In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Bulbs are semi-globe or flatten in shape, rather strong in flavor and cook dark. A good variety to grow for sets. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.40; lb., \$3.50, postpaid.

**287. LARGE RED WETHERSFIELD.** (100 days.) The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. Flesh is fine grained, firm and of excellent keeping quality. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.45; lb., \$3.60, postpaid.

*"The Sweet Spanish onion plants you sent me last year gave me the best yield I have ever had. They were very fine, and we still have a bushel in fine shape hanging in our vegetable room to keep for six weeks yet."*

—Fowler D. Brooks,  
Indiana.

## OLDS' ONION SETS

Choice, dry, select Onion Sets, the best to be had.

**YELLOW BOTTOM SETS:** Lb., 30c; 2 lbs., 50c; 4 lbs., 90c, postpaid.

**WHITE BOTTOM SETS:** Lb., 35c; 2 lbs., 60c; 4 lbs., \$1.10, postpaid.

## GARLIC SETS

A garlic bulb is composed of many small cloves which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs,  $\frac{1}{2}$  lb., 40c; lb., 70c; 2 lbs., \$1.30, postpaid.

## CHIVES

**279. ALLIUM SCHOENOPRASON.** (Schnittlauch.) Chives belong in the perennial class of onions. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Only the tops are used in cooking. A pretty plant in the rock garden, with its purple blossoms. Pkt., 15c; 2 pkts., 25c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00, postpaid.

**ONION PLANTS.** See next page.

**CULTURE:** As early as possible, sow thinly in rows one foot apart, thinning later to 3 or 4 inches apart. Keep the surface of the ground open and free from weeds, using fertilizer if you want a maximum yield. When the bulk of the tops have turned yellow and have fallen over, the onions are ready to harvest. They should be pulled at this time and left to lie in small piles for a couple of days and then removed to an airy shed. When cool weather arrives store in a cool, dry root cellar or attic. Time required to raise matured onions varies greatly in different sections. A packet of seed will plant 25 to 30 feet of drill; one ounce 200 feet, and four pounds an acre. See Market Gardeners' Price List opposite page 1 for prices on larger amounts than quoted. (See page 23 for maggot control.)

## BERMUDA ONION

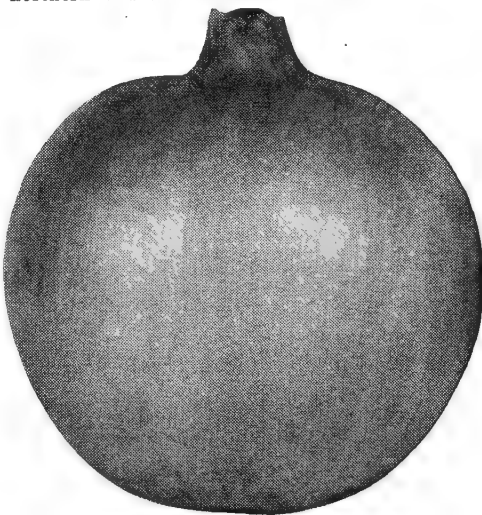
**283. CRYSTAL WHITE WAX.** (95 days.) One of the most attractive Bermuda varieties. It is large, flat, pure white, very early, mild in flavor; in fact, can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Not a good keeper. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.40; lb., \$3.50, postpaid.

*"Have bought seeds from you for 30 years or more."*

—W. H. Tillson,  
Iowa.

## SPANISH ONIONS

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. For this reason we do not recommend planting them in northern Wisconsin and similar latitudes.



Sweet Spanish.

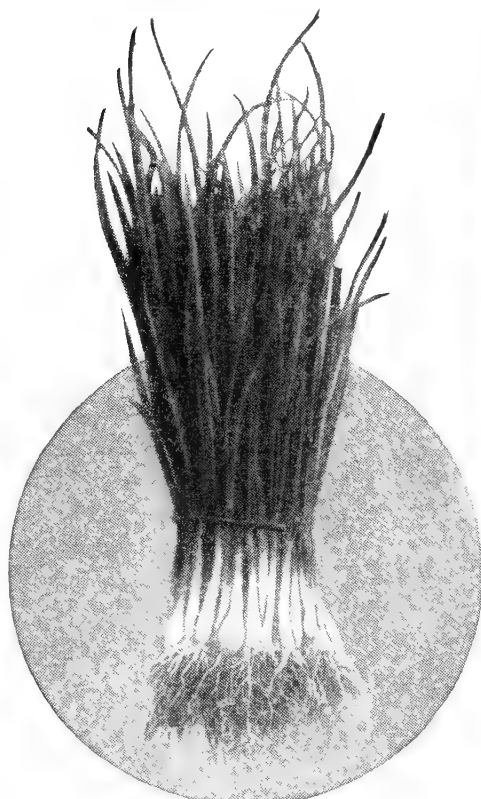
**298. SWEET SPANISH.** (Utah Strain.) (110 days.) An extremely large, mild and sweet globular-shaped onion and very handsome. The flesh is clear, white and tender. Under favorable conditions these onions will weigh over two pounds each and when placed on the market will outsell the other varieties at much higher prices. Pkt., 10c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00; lb., \$4.90, postpaid.

**297. PRIZETAKER.** (105 days.) Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild, sweet flavor and a fair keeper, ripening evenly. Pkt., 10c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00; lb., \$4.90, postpaid.

**288. AILSA CRAIG.** (115 days.) An English strain of Spanish onion, much like the Prizetaker, but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; oz., 55c;  $\frac{1}{4}$  lb., \$1.75; lb., \$4.30, postpaid.



## ONION PLANTS FROSTPROOF



**Frostproof Onion Plants.**

Texas-grown frostproof onion plants are famous nationwide and are rapidly displacing sets. They produce large, mild, sweet onions that are difficult to grow from seed in the North. Seed is planted in the fall where they grow outdoors during the winter, so they are hardy and ready to be planted early, just as soon as the ground can be worked. Our plants are freshly pulled and shipped the same day direct from our Texas station. Orders will be accepted for delivery any time up until the 15th of May. We can supply the following varieties: CRYSTAL WAX, BERMUDA, YELLOW BERMUDA, YELLOW SWEET SPANISH and WHITE SWEET SPANISH. Please state variety wanted and time of shipment on your order. Prices: 1 bunch (approximately 100 plants), 55c; 2 bunches, 85c; 3 bunches, \$1.15; 5 bunches, \$1.60; 10 bunches, \$2.70; 20 bunches, \$4.20, postpaid. By express collect (South Texas), 1 crate of 60 bunches (weight about 35 lbs.), \$7.50; 2 crates or more, \$7.25 each. No plant orders accepted for c. o. d. shipment.

## SEMESAN

### STURDIER PLANTS—BETTER STANDS— DISEASE CONTROL

For success with flowers and vegetables, give them a healthy start! Treat seeds, corms, bulbs and seedlings with Semesan. Applied dry or in solution with water, Semesan generally reduces seed rotting and damping-off, is highly effective against many seed-borne diseases, helps to prevent seed-borne soil contamination. One ounce treats 15 to 60 pounds of seed; 2½ ounces, one bushel of bulbs. Costs only ¼c to 2c per pound of seed. Prices: ½ oz. pkt., 20c; 2-oz. size, 45c; 12-oz. size, \$2.10; 4-lb. size, \$10.10, postpaid. Prices and sizes subject to change without notice.



1. Untreated calendula seed 18% germination. 2. Soaked in liquid "Semesan" 30 minutes—44% germination. 3. Soaked in liquid "Semesan" one hour—67% germination.

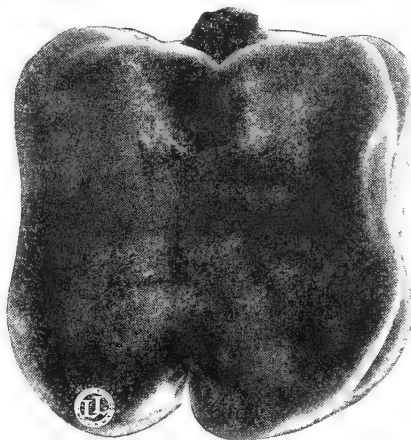
## OLDS' PEPPERS

**CULTURE:** Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants; an ounce, 1,500 plants. The number of days after each variety shows time required after setting of plants to picking. Earlier peppers can be had by using Hotkaps. See page 6.



**Early Calwonder.**

**347. EARLY CALWONDER.** (65 days.) Unlike most strains of California Wonder, the bush is strong and stocky so that when well loaded with fruits, the plants resist serious damage in heavy winds. Fruits are mild and sweet averaging 3½ inches in diameter by 4 inches long, smooth and uniform. Flesh is thick, deep green, changing to bright crimson when ripe. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50, postpaid.



**California Wonder.**

**357. CALIFORNIA WONDER.** (75 days.) A very mild, sweet, mid-season variety. The peppers are very large, measuring 4½ inches in length by 3 to 4 inches in diameter. The fruit ripens very uniformly and has a deep crimson color when ripe. It closely resembles the Chinese Giant in form but the flesh is much thicker. Our favorite pepper. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.

**353. HARRIS' EARLY GIANT.** (63 days.) The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, bearing as many as 12 enormous peppers 5 inches in length and 3½ inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.35, postpaid.

**358. GOLDEN CALIFORNIA WONDER.** (72 days.) The new sweet yellow pepper. See page 1. Pkt., 15c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.35, postpaid.

## VITA-BANDS

Grow your plants in Vita-Bands and eliminate transplanting shock; saves space, growing time, and produces healthier plants. Exclusive nutrient treatment affords a liberal supply of balance plant food. See page 75 for prices and description.



**King of the North.**

**348. KING OF THE NORTH.** (60 days.) The fruits are enormous in size and color up a brilliant red much earlier than any of the other large sorts. They will average six inches long and three to four inches across. Flesh is fine, thick, mild, and sweet. The spreading plants are literally covered with large peppers often with eight to ten maturing at a time. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.85, postpaid.

**352. SWEET YELLOW OR BANANA.** (60 days.) Probably the largest, earliest and sweetest of the yellow peppers. It is banana shaped, averaging about 8 inches in length and 2 inches in diameter. Light yellow in color, turning a bright red in maturity. Medium fleshed wall. Plants are 20 to 24 inches tall, upright, dark green, very vigorous with heavy foliage and large leaves. It is unbelievably productive. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.65, postpaid.

**350. RUBY KING.** (60 days.) Peppers grow 4½ to 6 inches long and 3½ to 4 inches thick. They are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.

**356. PIMIENTO.** (78 days.) This variety is used not only for salads and mangoes but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.

## HOT PEPPERS

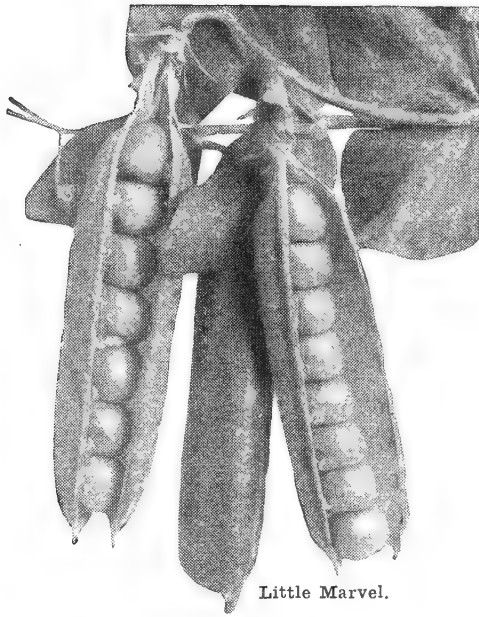


**Hungarian Wax.**

**349. HUNGARIAN WAX.** (65 days.) A splendid pungent pepper. Color waxy canary yellow turning to crimson at maturity. Peppers are 5 to 6 inches in length and rather slender. One of the best hot peppers. Very prolific. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.35, postpaid.

**355. RED CHILI.** (75 days.) A rather late hot variety, with peppers about ½ inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.

# Olds' Fancy Garden Peas



Little Marvel.

★339. **LITTLE MARVEL.\*** (62 days.) A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra earlies, with the exception of Laxton's Progress. This Garden Pea is our best seller. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

★324. **GRADUS.\*** (65 days.) (Prosperity.) This pea is nearly as early as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length, each containing 8 or 10 sweet and fine flavored peas. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

328. **BLISS' EVERBEARING.\*** (76 days.) The vines are strong and attain a height of 2½ to 3 feet, bearing, at the top, 6 to 10 good pods about 3 inches long. If these are picked when ready, and soil and season favorable, the plants throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, tender and of good flavor. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

323. **WILT RESISTANT ALASKA.** (60 days.) Earliest of all. A smooth, round, blue pea. Height 2½ feet. The most popular early pea for canning. The 2½-inch pods contain 6 to 8 smooth peas of good quality. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50, postpaid.

329. **PREMIUM OR LITTLE GEM.\*** (64 days.) The vines grow to about 15 inches in height. Pods are 2¾ inches long and contain 6 to 7 peas of good quality. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. An old time favorite. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

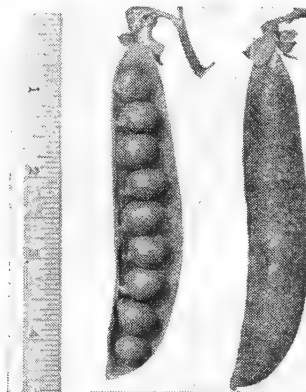


Little Gem.

**CULTURE:** Early peas are grown with best results on light warm soils; main crop varieties on fairly heavy soils but, of course, peas will do well on most any good garden soil. Do not use much nitrogen fertilizer as that will cause a heavy leaf growth with fewer pods. Sow the extra early varieties in rows 2 to 3 inches deep, one inch apart and 2½ to 3 feet apart as soon as the ground can be worked; and for succession, plant every two weeks until the middle of June. Early varieties can be again planted in August and a good crop secured in the fall. A pkt. will plant about 15 feet, a pound about 100 feet and 120 to 160 pounds should be used for an acre. Rotenone dust will control the aphid. Use Nitragin on the seed. See next page.

The varieties marked \* are the wrinkled varieties. For large amounts see our Market Gardeners' List opposite page 1.

Varieties marked with ★ are excellent for freezing.



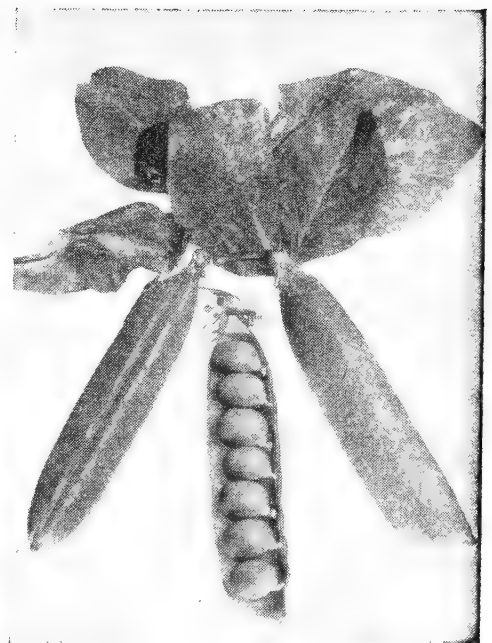
Laxton's Progress.

★336. **LAXTON'S PROGRESS.\*** (62 days.) A recent introduction of real merit, and ideal for the home gardener. Progress grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4½ inches long, well filled with 8 to 10 deep green large peas of wonderful flavor. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



LAXTON'S SUPERB

331. **LAXTON'S SUPERB.** (Early Bird.) (60 days.) This is the earliest large podded dwarf pea. Vines 18½ inches tall, coarse and light green in color. Pods 4½ inches long, single and double, slightly curved and pointed; of a medium dark green attractive color containing 9 to 10 peas of good quality. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



Thomas Laxton.

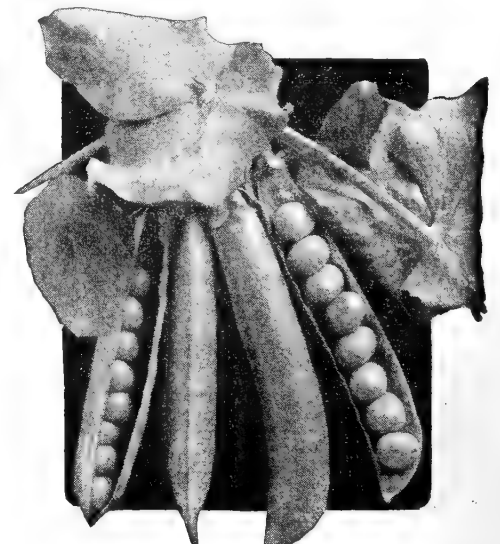
★334. **THOMAS LAXTON.\*** (63 days.) In earliness only two or three days behind Alaska, and in yield and quality far superior. Height three feet. Pods medium green, 3½ inches long, containing about seven large green peas. The most popular variety for freezing. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

## GARDENING FOR HEALTH

Sweet corn, green peas and other vegetables are at their sweetest and best only when they can be brought direct from the garden to the kitchen and cooked within an hour or so. This is true of most all vegetables. Remember, vitamins are the most abundant in the fresh green and yellow vegetables.

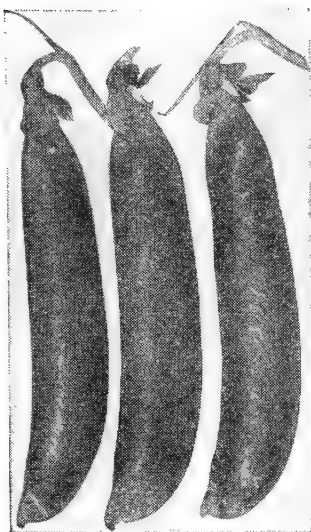
Have them fresh to have them healthful.

321. **WILT RESISTANT PRIDE OR DROUGHT RESISTER.\*** (65 days.) An exceptionally productive hybrid variety resistant to fusarium wilt. Plants are dark green, about 30 inches in length, open at the top, sturdy, very uniform, and quite resistant to drought and insects. Pods 3½ inches mainly doubled, straight, plump, dark green, well filled with seven to nine peas. Very concentrated in season, making it exceptionally fine for canning. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.



Pride or Drought Resister.

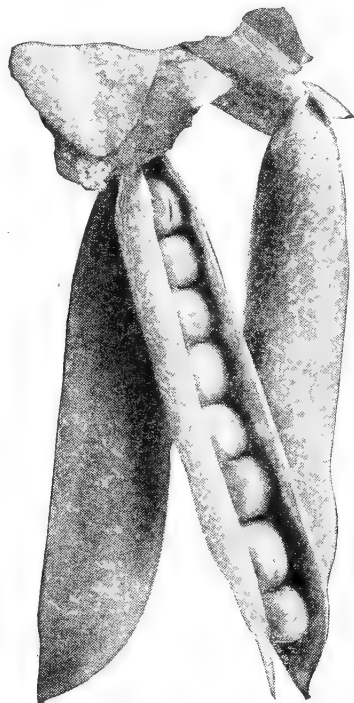




Wyoming Wonder.

**\*337. WILT RESISTANT WYOMING WONDER.** (Icer, Asgrow 40.)\* (74 days.) The outstanding characteristic of this pea is the fact that it remains sweet and tender a week to ten days after it is ready to pick. It was bred expressly for market gardeners who want a large, dark green podded pea that will hold its quality after reaching the picking stage. The vine is dark green, about 24 to 28 inches tall. The pods are 5 to 6 inches, dark green in color, pointed and slightly curved at the tips. Each pod contains 8 to 10 large peas of unusually fine flavor. Used extensively for fast freezing. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

**\*332. HUNDREDFOLD or GIANT LAXTONIAN.\*** (Blue Bantam.) (62 days.) A large podded, dwarf wrinkled pea. Unequalled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large dark green 4-inch pods with six to eight peas each of excellent quality. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

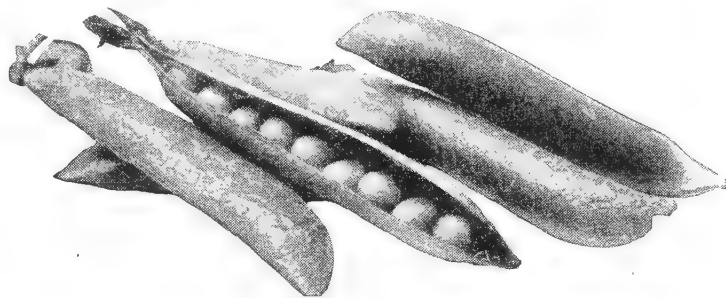


Hundredfold or Giant Laxtonian.

## THREE PEAS FOR SUCCESSION

**345C.** These three dwarf varieties—Wilt Resistant Wisconsin Early Harvest, Little Gem, and Improved Stratagem, are excellent for a succession in the home garden. Plant all at one time and it will give you peas over quite a long period. **COLLECTION PRICES:** 1 pkt. of each of the three, 25c; ½ lb. of each, 65c; 1 lb. of each, \$1.20, postpaid.

**\*326. IMPROVED STRATAGEM.\*** (78 days.) The best large podded late pea. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled 4½-inch pods containing eight to ten large, dark-green wrinkled peas of excellent quality. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.



Telephone.

**\*322. TELEPHONE or ALDERMAN.\*** (74 days.) Vines, 4 feet high; pods, dark green, 3½ to 4 inches long, containing from 5 to 10 peas each. A leading late variety among market gardeners. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

**\*340. WHITE MARROWFAT FIELD PEA.** (88 days.) A commercial variety grown extensively for dry use. Vines about five feet and a light green color. Pods single, plump, blunt, straight, light green, containing six to seven peas. Seeds large round, creamy white. ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50, postpaid.

**AMERICAN WONDER.** See No. 325.

**\*335. DWARF TELEPHONE.\*** (79 days.) (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high. Resistant to fusarium wilt. Pods 4½ inches, medium green. A fine main crop pea well filled with 7 to 8 bright green peas of excellent quality. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

**\*320. WILT RESISTANT WISCONSIN EARLY SWEET.\*** (60 days.) An extra early wilt resistant pea that we think superior to all other earlys. See page 2. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

## EDIBLE PODDED PEA

**341. MAMMOTH LUSCIOUS SUGAR.\*** (74 days.) Eat pods and all, like string beans. Pods are stringless. Vines five feet high, seeds large, gray and wrinkled. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

**WHITE CANADA FIELD PEA.** See Field Seed Section, page 70. Lb., 35c; 5 lbs., \$1.50, postpaid.

## INOCULATE YOUR GARDEN BEANS AND PEAS.



New size package now only 15c. You will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans and peas you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for four pounds of either Beans, Peas or Sweet Peas, 15c, postpaid.

## CERTIFIED SEED POTATOES

Do not overlook our Certified Seed Potatoes offered on pages 72 and 73. Why plant seed of unknown quality when our Certified stocks are available?

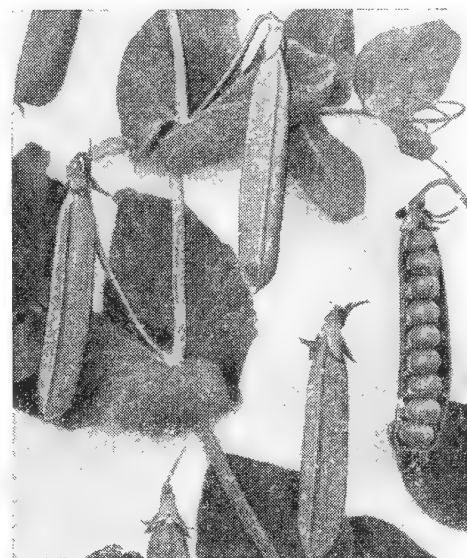
## NATURAIN IRRIGATOR

Every gardener should have at least two or three lengths of Naturain to protect their gardens from drought in the dry season. Made of lifetime aluminum and stainless steel. The last word in a watering device for both lawns and gardens. See page 36 for illustration and prices.



Nott's Excelsior.

**325. NOTT'S EXCELSIOR or AMERICAN WONDER.\*** (62 days.) The American Wonder pea that is grown today is identical to Nott's Excelsior, and we see no reason to list them as separate varieties. A fine productive variety for the home garden. Vines are about 15 inches with 2¾ inch pods, blunt, round, and plump of a light green color containing six to eight tender medium sized peas. An old time favorite. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.



Freezonian.

**\*327. WILT RESISTANT FREEZONIAN.\*** (63 days.) This new variety resulted from a cross with Thomas Laxton and Wilt Resistant Worlds Record. It is similar to Thomas Laxton, but somewhat more hardy, more productive, and resistant to fusarium wilt. We highly recommend this to home gardeners for freezing. Vines are about 30 inches in length producing dark green blunt pods about 3½ inches long. Pkt., 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

## Protect Your Garden Against RAIN... WIND BUGS... FROST



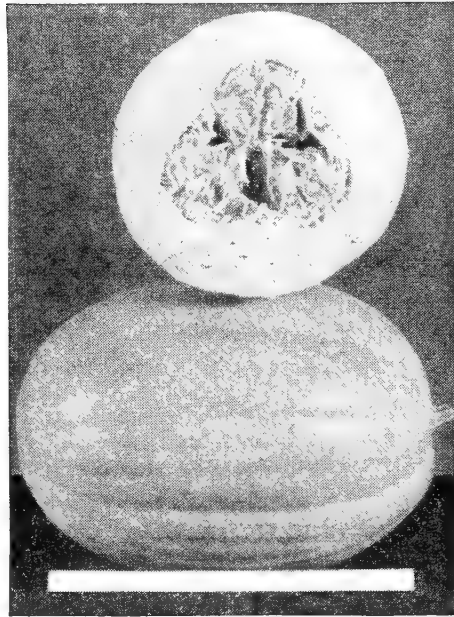
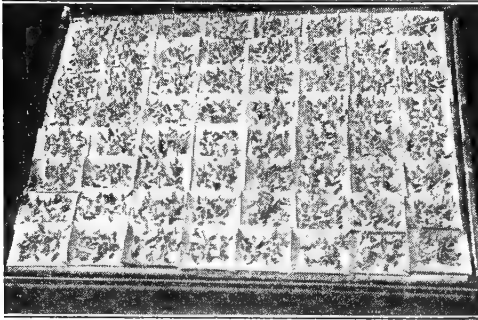
HOTKAPS keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier. They are made of scientifically waxed paper (Glastex) molded into shape and reinforced. Hotkaps measure 7 inches in height and 11 inches in diameter and weigh about 30 lbs. per 1,000. As plants grow and danger of frost is over, slit kap with knife and let plant grow up through the Hotkap. 25 Hotkaps with Setter, 70c; by mail, 85c, postpaid. See page 6 for larger quantities.

**HOTKAPS**  
*Home Garden*  
**PACKAGE**

# OLDS' PUMPKINS

## WE KNOW OUR SEEDS GROW

The photograph below shows a germinator tray with sprouting seeds. This is one of the ways we test seeds for germination. In our well-equipped laboratory a full-time analyst is employed who is continually checking all lots of seed for purity and germination. Every package of seed is stamped with a code letter and number and we can give you our laboratory test on any lot of seed if you will give us this number. All field seeds are shipped with a tag bearing our laboratory test both for purity and germination.



Dickinson.

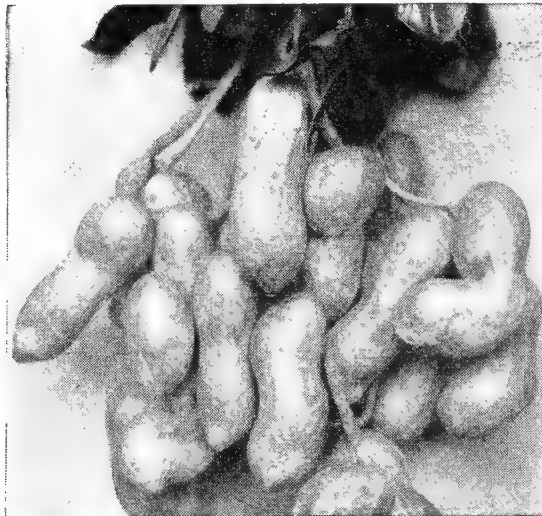
**364. WINTER LUXURY.** (100 days.) A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted and a beautiful dark red color. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.75, postpaid.

**362. LARGE CONNECTICUT YELLOW FIELD.** (120 days.) The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.75; 5 lbs., \$7.50, postpaid.

Use our "Easy to Subscribe" Magazine Service. See coupons, inside cover.

## OLDS' PEANUTS

**315. MAMMOTH VIRGINIA.** The largest, sweetest and heaviest yielding variety. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Large pkt., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 65c; 5 lbs., \$2.75, postpaid.



Mammoth Virginia Peanuts.

**365. DICKINSON.** (105 days.) The finest pumpkin grown today. It will produce as high as 25 tons per acre. The pumpkin is a deep clear gold color throughout the flesh, so uniform in color that canners do not peel it, but only wash and place into the pulverizer where they are canned immediately. They pack out the deepest gold color one could imagine. It has three outstanding characteristics: It is so sweet that it requires no sugar nor starch in canning. Second, the color is ideal and requires no coloring, and third, it is an exceptionally heavy yielder. We might add that this variety seems to be resistant to insect pests. It is not suitable for Jack o' Lanterns because of the shape. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.75; 5 lbs., \$7.50, postpaid.



Champion Moss Curled Parsley.

## OLDS' PARSLEY

One packet of parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.

**305. CHAMPION MOSS CURLED.** The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. It is also a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., \$1.35, postpaid.

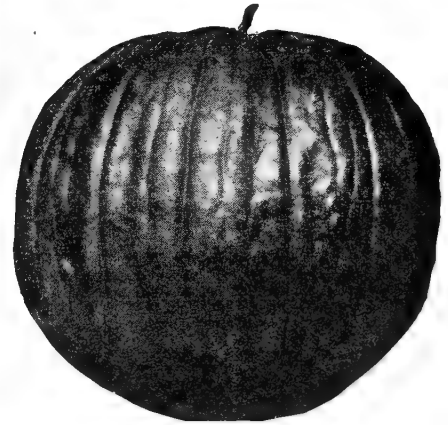
**306. PARAMOUNT.** (Triple Curled.) An extra select triple Curled Parsley of unusually rich dark green color. Plants grow about 12 inches high. Pkt., 10c; oz., 30c; ¼ lb., 50c; lb., \$1.40, postpaid.

**309. HAMBURG.** (Turnip Rooted.) The edible root of this variety resembles in color and shape a small parsnip. The roots may be stored in the cellar for winter use. The leaves are similar to those of plain parsley. Pkt., 10c; oz., 30c; ¼ lb., 50c; lb., \$1.40, postpaid.

**CULTURE:** Plant any time after the ground has become warm, 4 to 8 seeds to a hill, in hills 8 feet apart each way if planted alone. With corn, plant after the corn is up. One packet of seed is sufficient for 6 to 8 hills, 3 to 4 pounds will plant an acre alone and one pound an acre with corn. For quantity lots see Market Gardener's Price List opposite page 1.

**363. SMALL SUGAR.** (100 days.) The famous New England Pie Pumpkin. A rather small, round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.75, postpaid.

**360. KING OF THE MAMMOTHS.** (120 days.) This variety surpasses all others in size; specimens often weighing 75 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$1.90, postpaid.



King of the Mammoths.

"This is my order for 1948, making me an Olds customer for over 30 years."

—Mrs. V. Smith,  
Nebraska.

## OLDS' PARSNIPS

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre. Parsnips improve in flavor if left in the ground over winter.

**310. IMPROVED GUERNSEY.** An improved Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily dug. It is a very heavy yielder; roots, smooth; flesh, fine grained and of excellent flavor. Pkt., 10c; oz., 20c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.20, postpaid.

**312. ALL AMERICA.** (100 days.) A new parsnip that we offered for the first time last year. See page 1 for illustration and description. Pkt., 10c; 1 oz., 25c; ¼ lb., 50c; ½ lb., 80c; 1 lb., \$1.40, postpaid.

**311. HOLLOW CROWN.** The old standard parsnip, long rooted, sweet flavored and desirable. Excellent also for stock feed. Pkt., 10c; oz., 20c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.20, postpaid.



Parsnips.

# OLDS' CRISPY RADISHES



White Icicle.

**385. WHITE ICICLE.** (27 days.) Considered the finest of all for summer table use. The roots attain a length of about 5½ inches, tapering regularly from near the shoulder to the tip. It is crisp, mild, sweet, and keeps well. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



Crimson Giant.

**376. CRIMSON GIANT.** (28 days.) An extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and outdoor growing. Roots are of a handsome deep crimson, varying in shape from round to oval. Flesh, pure white; flavor mild. We highly recommend this radish. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

**387. COMET or ICY CRISP.** (23 days.) A bright scarlet, round radish, very crisp and tender. The tops are very small. Ready to use when ¾-inch in diameter but remains firm to a large size. This radish can be grown from seed in from 20 to 25 days, and is all that one could ask for in a radish. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.



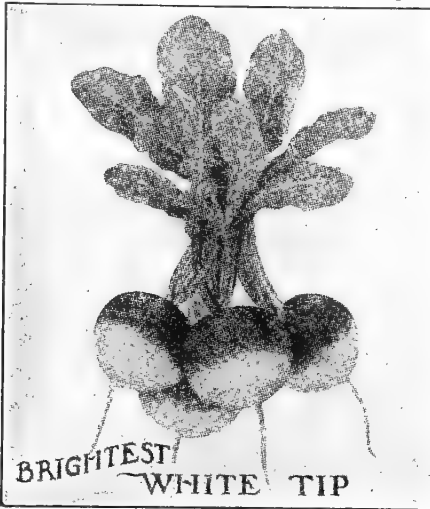
Comet or Icy Crisp.

Olds' Radish Seed is grown from hand-transplanted roots. In this way the types are kept pure and true and no seed is produced that is not from perfectly sound radishes. Growers who raise radishes for the market should use only seed of this type. The crop can be placed on the market earlier than from ordinary seed and also quality radishes can be had long after radishes grown from ordinary seed have become pithy and hollow. All growers should sow the best seed obtainable if they want to receive the maximum profit from their crop. For larger amounts see our Market Gardeners' List, opposite page 1.

**CULTURE:** Planting radish seed at improper depths is often the cause of the bulbs being various shapes. Plant about ½ inch deep. Radishes do best on a light, rich, mellow soil. Sow in drills 10 inches apart and thin to two inches in the row. Sow the early round red sorts first, the long-growing varieties a week later, and the winter varieties in July and August. One packet will sow 25 feet; 12 pounds an acre.

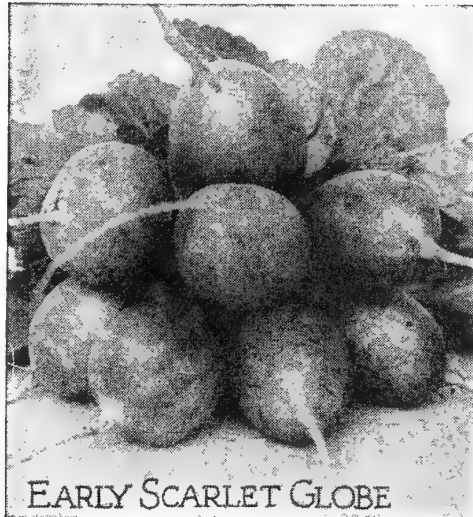
**MAGGOT CONTROL.** Corrosive Sublimate will control maggots which attack cabbage, onion and radish crops. Mix one ounce with 10 gallons of water. Pour this solution around the base of the plants when they are two to three inches tall. Use one gallon to every 35 feet of row. For cabbage plants use one-half teacup to a plant.

Your druggist has corrosive sublimate.



BRIGHTEST WHITE TIP

**370. BRIGHTEST WHITE TIP or SPARKLER.** (26 days.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper half bright scarlet. Crisp and sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



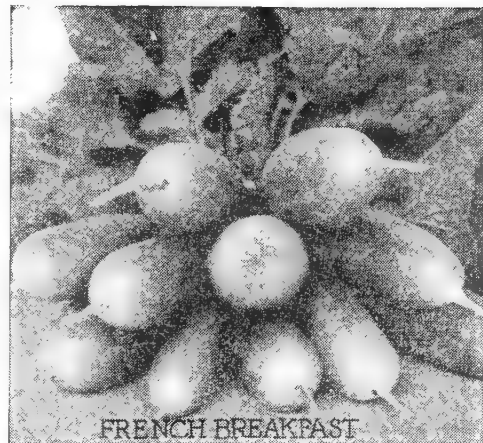
EARLY SCARLET GLOBE

**377. EARLY SCARLET GLOBE.** (Vick's.) (24 days.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. Our stock is a special strain with medium tops. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

"Please allow me to say your Oakleaf and Great Lakes lettuce are the grandest and outstanding of all lettuce. We enjoy it throughout the summer. By transplanting, it forms the loosest heads of sweet lettuce till late summer."

"The aster seed collection I am again ordering this spring gave such a great abundance of the most gorgeous blossoms last year. They adorned both the garden and the house. Use me as a most satisfied customer."

—Mrs. John L. Picha,  
Minnesota.



FRENCH BREAKFAST

**373. FRENCH BREAKFAST.** (25 days.) A quick-growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about ¾ of an inch through and about twice that in length with very small top and tap root. Flesh pure white and very crisp, tender and mild. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

**384. CINCINNATI MARKET.** (28 days.) An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

**374. CAVALIER or TWENTY DAY.** (20 days.) An extra early, olive-shaped or oblong globe, bright scarlet radish. Tops small, very attractive, and suitable for all purposes. Excellent for muck soils. Flesh is crisp and mild. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

"I think you people deserve a lot of praise for the kind of seeds you send out. All are grand and I want to especially compliment you on this strain of lettuce. Have never found any quite like it."  
—J. Ora Thomas,  
Indiana.

## WINTER RADISHES

Winter radishes should be planted in July and August and are good to eat as soon as they are large enough. Like spring radishes in flavor, but grow 4 to 8 inches long and 2 to 3 inches thick. For winter use, dig them and pack them in earth the same as parsnips, salsify or celery.

**392. LONG BLACK SPANISH.** (60 days.) The skin is black, and the flesh white and firm. Grows 8 to 9 inches long and 2 to 3 inches in diameter. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

**390. NEW WHITE CHINESE.** (New Celestial.) (60 days.) A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

**393. ROUND BLACK SPANISH.** (56 days.) Considered by many the best winter radish. Roots are round and sometimes olive-shaped. A long-keeping variety. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

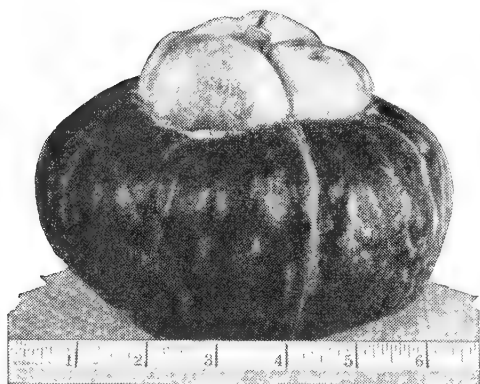
**391. CHINA ROSE WINTER.** (52 days.) Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through the fall and winter. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.



China Rose Winter.



# OLDS' SQUASH



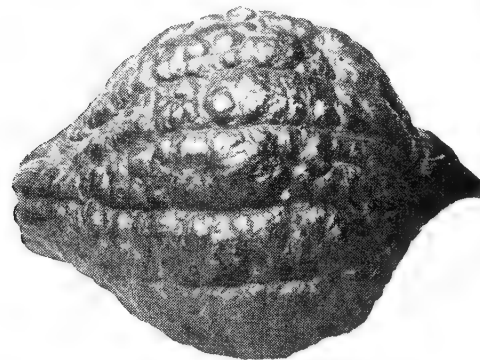
Buttercup.

406. **BUTTERCUP.** (90 days.) Entirely distinct in type, a turban shape, with thin skin and thick orange flesh at the stem end. The seed cavity is at the bottom covered with a very thin layer of flesh. Weighs from 3 to 4 pounds, just the right size for the average family. Has less waste than any other squash. Quality the very best. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.60, postpaid.

Please Note: This variety should not be confused with Butternut, catalog No. 420, which is turban shaped.

414. **BANANA.** (120 days.) A long type of winter squash measuring about 20 by 5½ inches and weighing about ten pounds. Cylindrical and pointed at blossom end with thin slate-gray rind. It is of good color and very popular because of its keeping qualities. Brown seeds. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.

417. **KITCHENETTE.** (105 days.) A small type of Hubbard winter squash. See page 3 for illustration and description. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.



True Hubbard.

★411. **TRUE HUBBARD.** (105 days.) Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.

**CULTURE:** Plant in a warm, light, rich soil after the weather has become settled and warm in the spring. Plant in hills 3 to 4 feet apart each way, the large running varieties 6 to 8 feet. Eight to ten seeds should be planted in a hill, thinning out after they have attained their rough leaves to 3 or 4 plants to a hill. Two ounces will plant a 50-foot row and three pounds an acre. Use Slug Shot, End-O-Pest or Rotenone Dust for the striped beetles and grey squash bugs.

The critical period of the Squash Vine Borer attack is July. Keep plants protected during this period by dusting thoroughly with Rotenone Dust. Dust the last week of June and weekly during the month of July. Should the borer get into the vine, slit the stem lengthwise with a knife and remove the borer just as soon as their presence is noticed. For larger amounts of seed than quoted, see Market Gardeners' Price List, opposite page 1.

★410. **DELICIOUS GREEN.** (102 days.) This variety rivals all others in dryness, sweetness and richness of flavor. The green shell is shaped like a top with flesh a deep orange. Excellent keeper. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.

★413. **GOLDEN HUBBARD.** (100 days.) (Red Hubbards.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier. The moderately-warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.



Table Queen.

409. **TABLE QUEEN.** (60 days.) This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Nearly equal to Hubbard in flavor and keeping qualities and just the right size to cut in half (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in length. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.

★418. **BLUE HUBBARD.** (110 days.) A new type of Hubbard similar to the original except that it is blue-grey in color. Said to be superior to all other Hubbards in quality. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.

419. **DELICATA** (Sweet Potato). (80 to 90 days.) The fruit of this new squash average 10 in. long, 3½ to 4 in. in diameter and weigh about 2¾ lbs. They are cylindrical in shape with shallow ribbings. In the Fall it has an alternate stripe of cream and dark green, becoming cream and orange stripe during storage. The shell is medium hard and it is a very good keeper. The orange-yellow flesh is thin to medium, crispy, dry, tender, sweet and very fine in texture. Flavor and quality excellent. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.

420. **BUTTERNUT.** (95 days.) Our new individual baking squash which seems to be resistant to insect and borer attacks. See page 3 for complete description and illustration. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.70, postpaid.

Please Note: This variety should not be confused with Buttercup, catalog No. 406, which is turban shaped.

416. **GOLDEN TABLE QUEEN.** (60 days.) The Green Table Queen Squash has long been popular with gardeners, and we believe that the Golden Table Queen, which is very similar but has a golden color, will be equally as popular. It has all the good features of the old Table Queen with the addition of having a short vine. The plant is what we would term semi-bush and its vine growth is very much restricted as compared to the Green Table Queen. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.



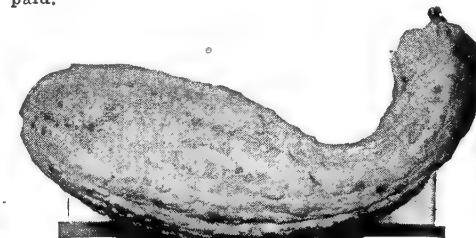
Early Prolific Straight Neck.

## SUMMER SQUASH

(Use when young.)

415. **EARLY PROLIFIC STRAIGHT NECK.** (56 days.) Strictly bush in habit of growth with compact, ample foliage permitting close planting. The fruits are straight, smooth, and of a delicate appetizing color. Can be used when only 4 to 5 inches long and remains excellent for table until 12 to 14 inches long. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.

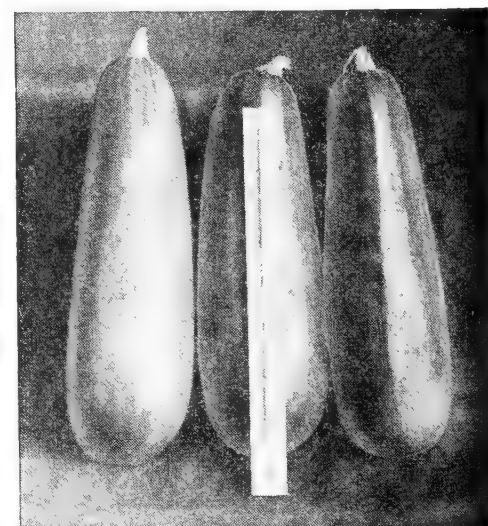
405. **MAMMOTH WHITE BUSH SCALLOP.** (53 days.) Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick, of fine quality. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.



Giant Summer Crookneck.

407. **GIANT SUMMER CROOKNECK.** (56 days.) The fruit is of an attractive golden yellow color, covered with fine warts. Grows 15 to 20 inches long. Very prolific. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.

★408. **GRAY ZUCCHINI.** (60 days.) A favorite Squash among the market gardeners. It belongs to the Vegetable Marrow family. The color is mottled light and dark green. Fruits measure about 12x4½ inches and weigh about 3½ pounds. The squash is used when young, often when real small and tender. The edible qualities are excellent. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.

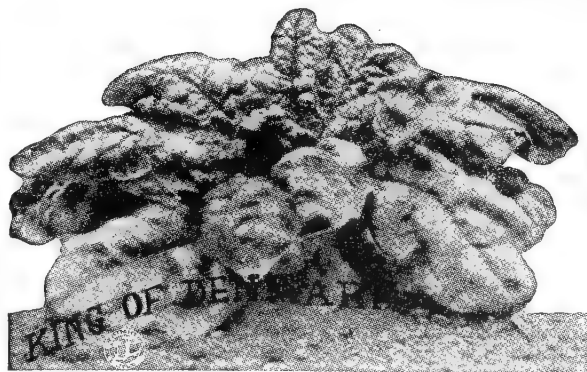


Gray Zucchini.



Golden Table Queen Squash.

# OLDS' SPINACH



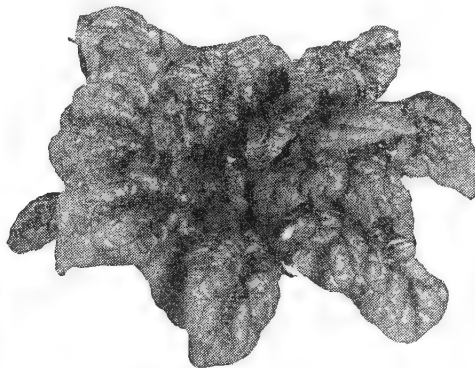
★401. **KING OF DENMARK.** (46 days.) The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. Equally valuable for both the home and market gardener. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 85c, postpaid.



Princess Juliana.

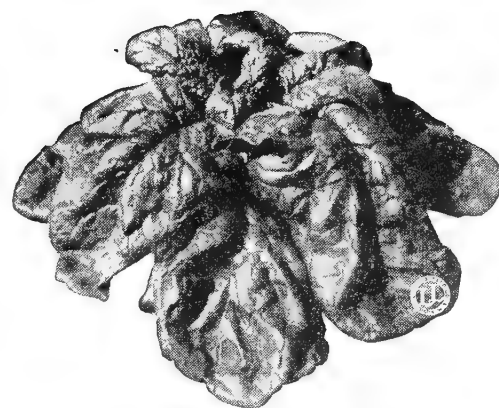
**CULTURE.** Spinach needs cool, moist weather. The seed should be sown early in the spring in rows one foot apart and thinned to six inches in the row. A fall crop of spinach may be sown in late July or August and will do well during the cool, moist autumn days. For city gardens we recommend the New Zealand spinach or Lucullus Swiss Chard as both of these greens can be cut over and over again all season. One pkt. will plant 20 feet; 10 to 14 lbs. an acre. For larger amounts than quoted, see our **Market Gardeners' Price List**, opposite page 1.

★400. **PRINCESS JULIANA.** (48 days.) Very dark green crumpled leaves, round and thick. It lacks entirely the earlier bolting male plants and as a result the crop as a whole remains much longer in marketable condition. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.



Bloomsdale Long Standing.

★402. **BLOOMSDALE.** (42 days.) (New Long Standing Strain.) This is a very early variety and one of the best to plant in the autumn or early spring. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy. Suitable for home gardens but better adapted for market gardeners. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.



Long-Standing Gaudry.

★404. **LONG-STANDING GAUDRY OR NOBEL.** (45 days.) Where a fairly smooth leaf spinach is desired we consider this variety superior to any other. It is as fast a grower as any of the early smooth varieties and at the same time has the long-standing qualities. The leaves are large, broad and thick. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

## HOT WEATHER SPINACH

403. **NEW ZEALAND.** (70 days.) Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

"Would like to say that I tried your Wisconsin 55 tomato last year and liked it very much. And had several ask me, 'What tomato is this?' They all thought it a very superior fruit."

—Mrs. Carl Krause,  
Wisconsin.

## FREE MIXED SEEDS

In order to insure "fresh" vegetable seeds to fill orders, we mix together carry-over seeds which are below our high standards for germination—and give free to our customers for children's gardens. Large packet sent free for the asking with your order as long as our stock permits.

## Olds' Wisconsin Grown Tobacco

Our tobacco seed is all Wisconsin grown and from certified stocks. As we package this in our own bags, we cannot label it as certified seed.



Wisconsin Havana No. 307.

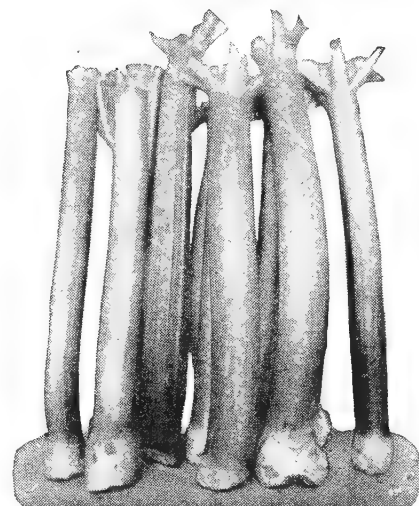
500. **COMSTOCK SPANISH.** The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

504. **WISCONSIN HAVANA NO. 142.** A resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

503. **WISCONSIN CONNECTICUT HAVANA NO. 38.** Its characteristics are: vigor of growth; good breadth; weight and texture of leaf; improvement of leaves at base of stalk; improved market quality, consisting partly of wrapper quality that blends with the filler tobacco without flavoring the latter; and finally, the important matter of earliness. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

505. **WISCONSIN HAVANA NO. 307.** A strain of black root-rot resistant tobacco, recently introduced by Professors James Johnson and Howard Heggstad of the Wisconsin Agricultural Experiment Station, which is similar to No. 142. The new strain has somewhat larger leaves but not quite as many to the plant and does not sucker as much toward the base of the plant. Growers who like No. 142 but object to its surplus of suckers should be sure and try this new strain. Pkt., 10c; oz., \$1.15; ¼ lb., \$3.50, postpaid.

## Olds' RHUBARB



Large Victoria.

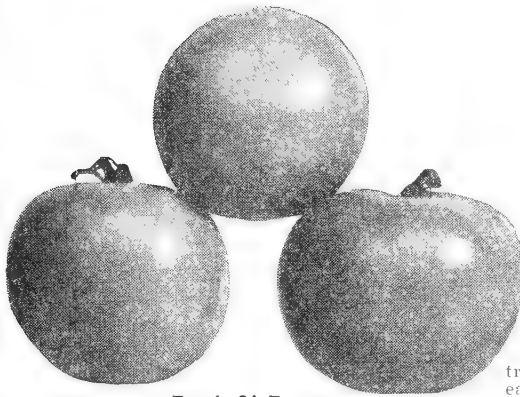
★395. **LARGE VICTORIA.** A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until plants have had a full season's growth. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.50, postpaid.

396R. **RHUBARB ROOTS.** Large Victoria. Choice, extra large divided roots.

Prices: 3 for 50c; 6 for 90c; 12 for \$1.75; 25 for \$3.25, postpaid. Not prepaid, f. o. b. Madison, 100 for \$8.00.

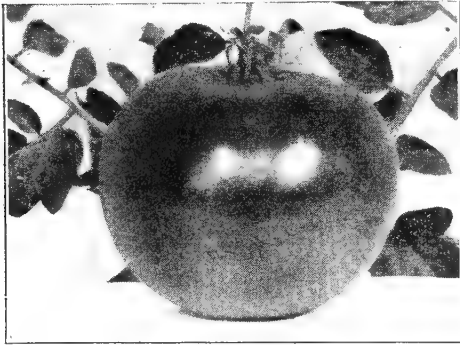
398R. **CHIPMAN'S RED.** The new all red rhubarb. Large choice roots. Each, 50c; 3 for \$1.35; 6 for \$2.50; 12 for \$4.50, postpaid.

# OLDS' TOMATOES



Break O' Day.

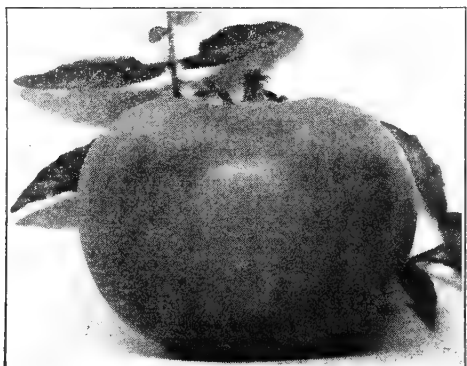
**431. BREAK O' DAY.** (70 days.) A new extra early, wilt-resistant tomato developed by the U. S. Department of Agriculture. Break O' Day matures with Earliana. The fruit resembles the famous Marglobe; it is the same color, shape and size and is the only early tomato of a deep globe shape. The fruits are solid with very few seeds and they will not crack. A bountiful yielder. Not satisfactory on all soils. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.10, postpaid.



Rutgers's.

**450. RUTGER'S.** Wilt and Rust Resistant. (72 days.) A second-early variety developed by the New Jersey Agricultural Experiment Station. It is a cross between Marglobe and J. T. D. and is very desirable for market as well as for canning. The plant is large with thick stems and vigorous foliage. The fruits are similar to Marglobe but flat at the stem end. Bright red, smooth, with thick walls and small seed cells, very firm and of low acidity. We consider it one of the best varieties for juice and it is one of the few varieties that ripen from the center out. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.65, postpaid.

**440. STOKESDALE.** (73 days.) An early tomato with main crop qualities. Fruits average 8 ounces which are similar to Bonny Best, but slightly earlier and on the average will be 3 ounces heavier and much more solid. Color is a brilliant scarlet. Because of its earliness and excellent flavor and quality, it will prove very profitable for the market gardener. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.80, postpaid.



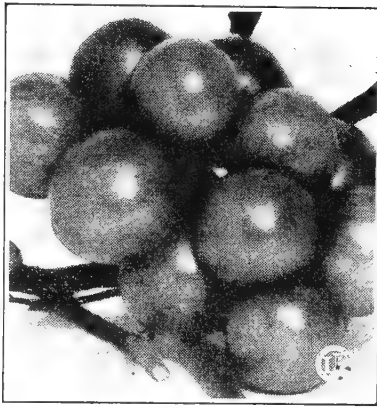
Stokesdale.

Olds' Tomato Seed is produced from tomatoes grown exclusively for seed. One packet will produce 200 plants. Two to four ounces will produce enough plants for an acre. Tomatoes do well in practically any garden soil.

The figure after the variety shows time of picking after setting plants.

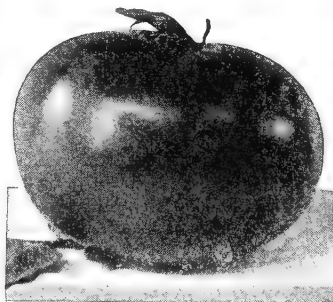
**CULTURE:** Start the seed indoors about the last of February. When 2 inches high transplant to 4 inches apart each way and again transplant to the open ground as soon as danger of freezing is over, in rows 3 to 6 feet each way. Some growers train the vines on trellises so that the fruit will ripen earlier. Use Hotkaps for this crop, see page 6. Start plants in plant bands. Prevents transplanting shock.

**432. TRIP-L-CROP.** A late giant tomato that produces immense solid fruit with few seeds. See page 3 for illustration and description. Pkt., 15c; ½ oz., 50c; 1 oz., 95c; ¼ lb., \$2.85, postpaid.



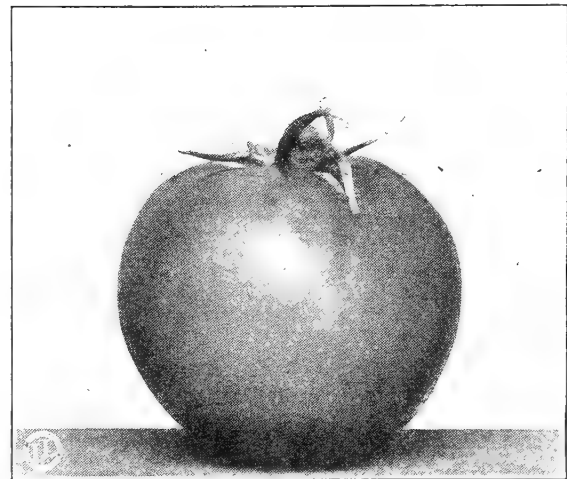
Scarlet Dawn.

**426. SCARLET DAWN.** (70 days.) Wilt and rust resistant. A cross of Clark's Early on Marglobe and is earlier in season than both parents. The vine is of medium growth, fairly open, very prolific. Fruits are medium large, globular, smooth and free from flat sides and puffiness. Bright scarlet ripening well to the stem. Exceptionally attractive. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.



Valiant.

**451. VALIANT.** (70 days.) An early tomato which is proving profitable in Wisconsin as a market variety, especially on reasonably light soil. Its outstanding feature is earliness, with quality, being about five days ahead of Stokesdale and Bonny Best. Large size and strong interior structure. Vine growth about equal to Earliana and not heavy enough to protect fruit from burning in continuous sunny weather. Will have ample vine growth on heavier soils. Quality of fruit is excellent. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.10, postpaid.



Marglobe.

**433. MARGLOBE.** (80 days.) The perfect home garden tomato. Wilt-resistant and rust-resistant. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe test. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.50, postpaid.

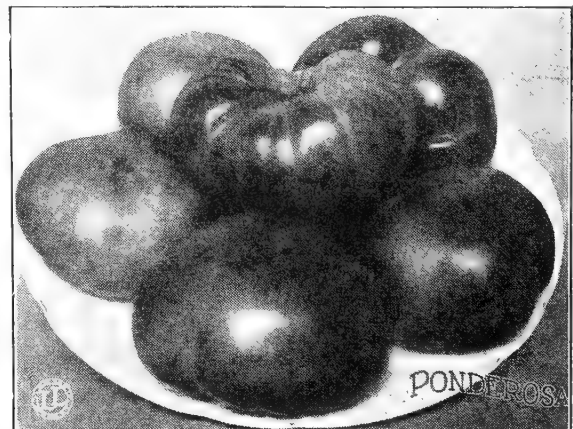


Bounty.

**452. BOUNTY or VICTOR.** (65 days.) The past few years several varieties of early determinate vine or self-topping tomatoes have been introduced and Bounty, in our opinion, is the finest. In the home garden this variety will prove very popular as it is early, an exceptionally heavy yielder, and will produce the finest quality tomatoes on plants spaced as close as three feet apart. Bounty was developed at the North Dakota Agricultural Experiment Station from a cross between the All Red variety, a station introduction in 1937, and Break O' Day. For the home garden in the North or for first early market this variety leads the list. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.

## TOM THUMB FLATS WITH BANDS

Home gardeners will find these a great convenience in growing tomato plants. Will also allow transplanting without shock. Each flat has 12 bands. See page 75. Each, 20c; 6 for 90c, postpaid.



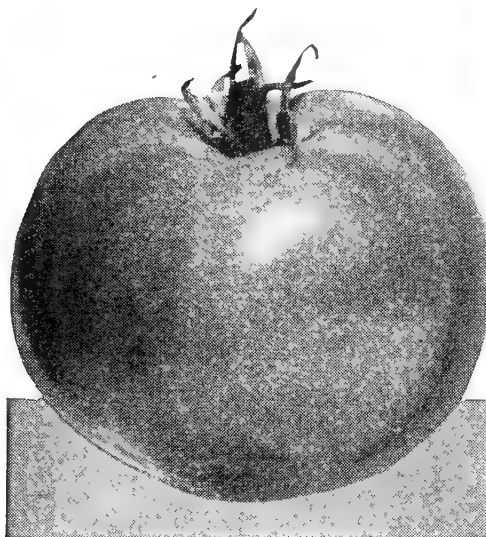
**437. PONDEROSA.** (88 days.) The giant tomato. The tomatoes grow in beautiful clusters, oblong in shape, with solid flesh. Color, purplish pink. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.





New Stone.

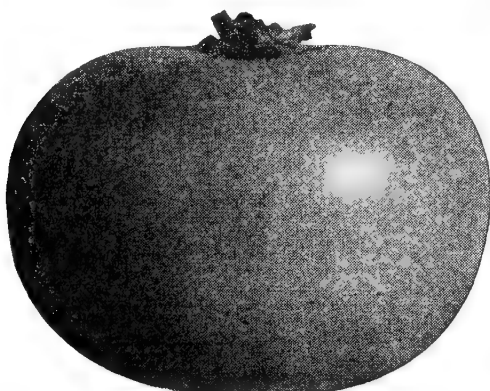
**427. NEW STONE or MATCHLESS.** (86 days.) The standard main-crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.35, postpaid.



Wisconsin 55 Tomato.

**453. WISCONSIN NO. 55.** (75 days.) We think the best main crop variety for central and southern Wisconsin. See inside front cover for complete description and for color illustration. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.

**445. EARLY BALTIMORE.** (73 days.) Introduced by the University of Illinois. Early Baltimore appears to us as being one of the best of the new introductions of Wilt and Rust Resistant Tomatoes. It is a second-early variety, resistant to fusarium wilt. The vine is somewhat smaller than regular Baltimore and the leaves are finely cut. Fruits are oblong, smooth, bright red, solid with small core and shallow basin at stem end. Excellent for market gardens and canning. Appears to be particularly adapted for Northwest growing conditions. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.

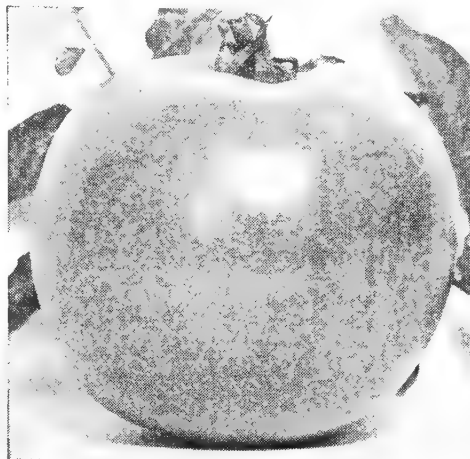


Early Baltimore.

**428. PRITCHARD.** (76 days.) The new Pritchard is without doubt the best of the disease-resistant varieties. It resists the nail-head disease and also the tomato wilt. In appearance it is similar to Marglobe, scarlet in color, of good size and shape, the fruits borne in clusters of 5 and produced in abundance. It is a mid-season variety requiring about 110 days to ripen from seed. About 5 days earlier than Marglobe. The vine is short jointed and of low growth with heavy foliage. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.80, postpaid.

**434. JUBILEE.** (72 days.) A new Golden Orange Tomato. See page 3 for illustration and complete description. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.

**438. ENORMOUS.** (88 days.) (Beefsteak.) Really a red Ponderosa and the largest of all red tomatoes. A midseason, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.



Bonny Best.

**444. BONNY BEST.** (74 days.) A smooth extra fine early variety for the home garden. A few days later than Earliana. Color, bright red. Vigorous and productive. A favorite variety with the market gardeners. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.65, postpaid.



John Baer.

**436. JOHN BAER.** (70 days.) A variety of real merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. One of the earliest and most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.80, postpaid.

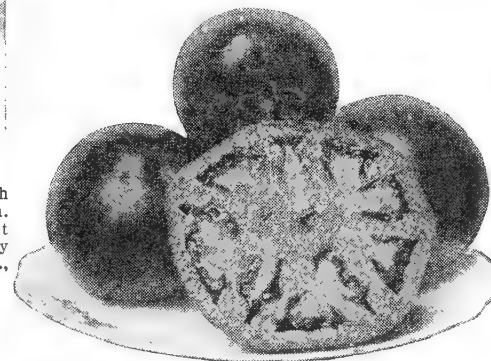
**442. ALBINO or SNOWBALL.** The only good quality white tomato. It contains very little acid and will make tomatoes agreeable to many who had to avoid them. Color is ivory-white and the flesh almost snow-white. Similar in size to Stone Tomato. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.

**443. JUNE PINK.** (69 days.) The earliest of all pink tomatoes. A good yielder of high quality, running very smooth for an early sort. The June Pink, while an early tomato, continues to bear and ripen up to frost. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.



Oxheart.

**441. OXHEART.** (90 days.) Probably the largest and meatiest tomato in existence. It has a distinct oxheart shape with fruit of a pink color. Grown under favorable conditions will weigh nearly two pounds. Where a tomato of enormous size is wanted this is the variety to plant. We do not consider the quality equal to some of the smaller varieties although it is fine considering the immense size. Pkt., 15c; 2 pkts., 25c; ½ oz., 60c; oz., \$1.10; ¼ lb., \$3.30, postpaid.



Earliana.

**425. EARLIANA.** (67 days.) Widely grown because of its extreme earliness combined with large size. The open spreading vines are medium in size but very vigorous. Fruit is a bright scarlet, flat globed in shape, thick skin, and borne in clusters. Our strain is selected for smooth fruits. An old-time favorite with northern gardeners. Pkt., 10c; ½ oz., 40c; 1 oz., 70c; ¼ lb., \$2.10, postpaid.

**TOM THUMB-FLATS** and Plant Bands produce better plants. See page 75.

## SMALL FRUITED TYPES

**446. YELLOW PEAR.** Fruit a bright handsome yellow. Shaped like miniature pears. Usually grown for preserves and "tomato figs." Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.

**447. YELLOW PLUM.** Perhaps even more popular for preserves than Yellow Pear. Grows in clusters. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.

**449. RED CURRANT.** Very small fruit of rich red color. Used for pickles, preserves, etc. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.

## GROUND CHERRY

**455. HUSK TOMATO or GROUND CHERRY.** The small yellow fruit has a flavor all of its own. Protected by the loose-fitting outer husk. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.10, postpaid.

# Olds' MANGELS

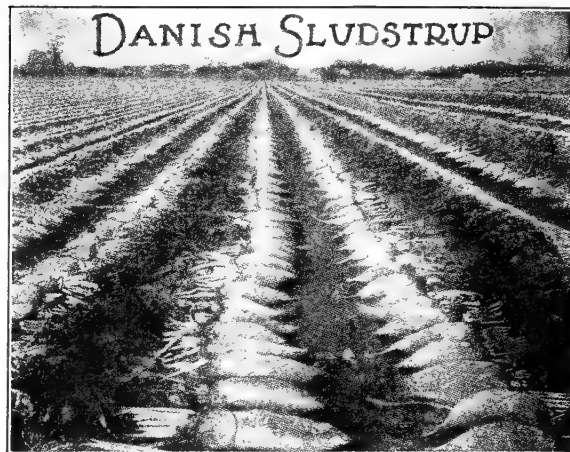
Mangels will save one-half the grain and feed without reducing the milk yield. One ounce of seed will sow 75 to 100 feet of drill; six pounds an acre.

**CULTURE:** Mangels for winter storage should be planted about corn planting time. Make the rows about 20 inches apart for hand cultivation or three to four feet apart for horse cultivation. Thin to about four to six inches apart in the row. For larger amounts than quoted see our Market Gardeners' Wholesale Price List opposite page 1.

**55. MAMMOTH LONG RED.** The most widely grown mangel. Yields up to 40 tons per acre, the large roots often weighing 15 pounds each. They frequently grow two feet or more long, with one-half to two-thirds of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c; 5 lbs., \$3.80, postpaid.

**56. GOLDEN TANKARD.** Large roots, nearly cylindrical in shape, narrowing abruptly at both ends. Flesh zoned yellow and white, very productive. Contains a larger percentage of sugar than the red mangels. Oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.30; 5 lbs., \$5.40, postpaid.

**63. GIANT HALF SUGAR ROSE.** Combines the large size of a mangel with the greater feeding value of a sugar beet. Roots are oval shaped, skin rose colored, flesh white. One of the most valuable for feeding stock. Oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.30; 5 lbs., \$5.40, postpaid.



**59. DANISH SLUDSTRUP.** This mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 95c; 5 lbs., \$4.00, postpaid.

## Olds' Turnips



**466. SNOWBALL.** (43 days.) Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 5 lbs., \$4.50, postpaid.

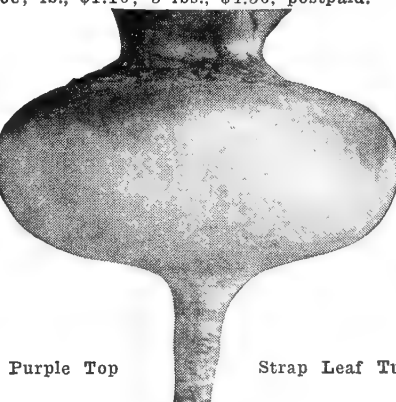
## Olds' Rutabagas

**TURNIP and RUTABAGA CULTURE:** For early turnips sow as soon as the ground can be worked in drills 14 inches apart, rutabagas 30 inches apart. Thin the early varieties of turnips to 6 or 9 inches in the row and rutabagas to about 12 inches. For a fall crop of turnips sow in July or August and for the main crop of rutabagas sow about June 15. The roots should be harvested in the fall and stored in a cool cellar covered with dry soil. A packet will sow 50 feet, two pounds an acre in drills and 3 to 5 pounds an acre broadcast.

**477. LONG ISLAND NECKLESS.** (83 days.) A Canadian introduction from MacDonald College. The roots grow to a large uniform size and are almost globular in form, but growing a trifle longer. The flesh is fine grained, of a yellow color, mild and sweet. Top of bulb is bright purple. Has very few feeding roots to trim. Best variety for market purposes. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 95c; 5 lbs., \$3.75, postpaid.

**475. AMERICAN PURPLE TOP.** (85 days.) This is an improved strain of the well known standard variety.

It is very hardy, a fine keeper, and very satisfactory for both table use and stock feeding. Roots are large, globe shaped, with very small tap roots; color bright yellow with a purple top; tender and sweet. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.50, postpaid.



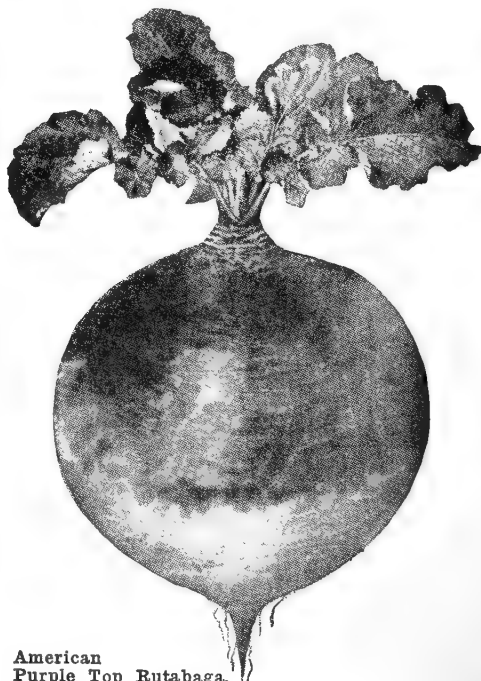
Purple Top

Strap Leaf Turnip.

**460. PURPLE TOP STRAP LEAF.** (46 days.) The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 5 lbs., \$4.50, postpaid.

**467. COW HORN.** (70 days.) Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long. Oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.50, postpaid.

**465. PURPLE TOP WHITE GLOBE.** (55 days.) Very attractive in appearance, almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 5 lbs., \$4.50, postpaid.



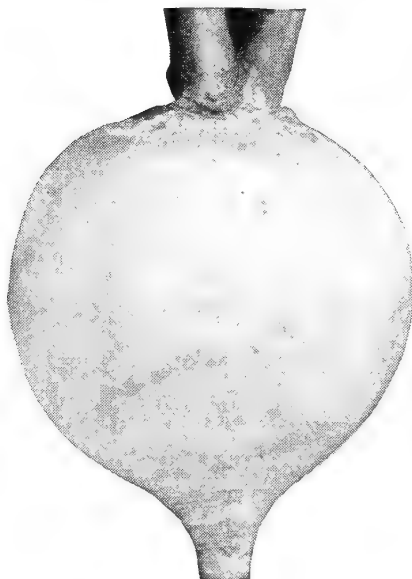
American Purple Top Rutabaga.



Mammoth Long Red Mangel.

## Sugar Beet

**61. KLEIN WANZLEBEN SUGAR BEET.** Largely grown for sugar. The roots are straight and even. A heavy yielder and very rich in sugar. The young beets are fine cooked with red table beets. Cooked this way they turn red and are much sweeter than the garden beet. Pkt., 10c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10; 5 lbs., \$4.70, postpaid.



Purple Top White Globe Turnip.



# OLDS' HARDY PERENNIAL PLANTS

Olds' northern grown hardy perennials listed on this page are either 1 and 2 year field grown or out of 2 1/4-inch pots, depending upon the type of plant. We try to keep our stock of a good size, yet hold it young enough so that it can come to its full maturity after planting in our customers' gardens. **ALL PRICES ARE POSTPAID PRICES.** Plants are not sent with other items, but by themselves at the proper time for planting or when weather will permit, direct from our Michigan growing station. Chrysanthemums are not sent until the end of May or early June. We do not accept orders for nursery stock for shipment into the states of California, Washington, Oregon and Florida.

## HARDY ASTERS

The Hardy Aster or Michaelmas Daisy is an excellent flower for background planting in flower borders. The stems are stiff, bearing gorgeous flowers from September until frost. Better flowers will be obtained if only 3 or 4 stems are allowed to develop to a plant.

**BEECHWOOD CHALLENGER.** Brilliant crimson red flowers in abundance on plants of medium height. Early. Each, 60c; 3 for \$1.50.

**HARRINGTON'S PINK.** Large flowers of bright clear pink. Hardy, sturdy plants. Each, 60c; 3 for \$1.50.

## HARDY PHLOX

No border is complete without a planting of hardy Phlox. Bushy plants with enormous tresses of blooms. Prices: 1 Year Plants from Cuttings, all varieties, each, 65c; 3 for \$1.75.

**AETNA.** Excellent new variety which is highly resistant to rust. Tall strong grower and of superb deep scarlet color.

**E. I. FARRINGTON.** A phlox of distinctive beauty. Flower trusses are extremely large and color is a delightful salmon shade with slightly darker eye.

**ETHEL PRITCHARD.** Rich bluish-violet which blends well with other colors.

**FLASH.** Rich carmine-rose with orange-scarlet center.

**LEO SCHLAGETER.** One of the brightest and flashiest of all red phlox. Sturdy grower and very free bloomer.

**MOONLIGHT DREAM.** Medium grower. Large trusses of rich creamy white.

**PRIME MINISTER.** Clear pure white, brilliant red center.

## HARDY CHRYSANTHEMUMS

The varieties we list below are very satisfactory in the protected border. They bloom late in the fall when most plants are through blooming. Plants from 2 1/2-inch pots shipped about the last of May.

**ALABASTER.** A very early white, slightly incurved. Will grow 5 inches across if disbudded.

**APPLE BLOSSOM.** An apple blossom pink fading to clear white with cactus like petals. Produces an abundance of 2 1/2-inch flowers. Strong stems.

**AVIATOR.** Double medium size flowers of rich copy red.

**CANDLELIGHT.** Well formed flowers of creamy ivory white, prolific bloomer, excellent plant habit.

**CAMILLA.** Deep raspberry-rose color, early blooming.

**CHIPPEWA.** Giant, bright aster purple.

**DWARF JEWEL.** Softly colored lilac-lavender.

**EARLY WONDER.** Large soft pink pompon.

**EARLY JOAN HELEN.** Sparkling garnet, bright yellow center.

**HARBOR LIGHTS.** Pale yellow pompon, new.

**JACKIE.** Rich wine-red, this is a new variety.

**LAVENDER LADY.** Large silvery-lavender. One of the finest mums grown today.

**LEDA.** Heliotrope-pink. Blooms 6 inches across, if disbudded.

**MRS. P. S. DUPONT.** Peach-pink. One of the best.

**RED VELVET.** Velvety-crimson, perhaps the best of all crimsons.

**RUBY POMPON.** An exciting ruby, crimson pompon.

**SILVER TIP.** Bright carmine with the tip of each petal a silvery white.

**SEPTEMBER CLOUD.** White shading to primrose.

All of the above are 75c each and 3 for \$2.00.

**CUSHION CHRYSANTHEMUMS.** This group of low growing "Mums" form a mound of blooms similar to the old Azalea. Plants grow 10 inches high and spread about 2 feet. Literally covered with flowers early in September.

We offer these in four colors: bronze, pink, red, and yellow. Please state colors wanted. Ready last of May. Each, 60c; 3 for \$1.60.

## HARDY PERENNIALS

**AQUILEGIA.** Mrs. Scott Elliott. One of the most graceful and dainty of the hardy perennials. Flowers are large with long spurs and colors cover all shades of lavender, purple, red, white, yellow, pink and blue. Each, 50c; 3 for \$1.25.

**AQUILEGIA.** Crimson Star. Bright crimson with inside a waxy white. Very striking. Each, 65c; 3 for \$1.75.

**CARNATION.** King of Blacks. Fragrant large flowers of deep maroon with satiny black sheen. Dwarf plants that bloom most of the summer. Each, 50c; 3 for \$1.25.

**DELPHINIUM.** Pacific Giants. Great pillars of bloom, sometimes 8 ft. tall, increasing in size and beauty yearly. This is the largest and most mildew-resistant strain. Each, 75c; 3 for \$2.00.

**GYSOPHILA.** Pacifica. Pink Baby Breath. Grows 4 ft. tall, blooms September and October. Each, 65c; 3 for \$1.75.

**GYSOPHILA.** Snow White Double. Double white Baby Breath. Grows about 2 ft. high and produces a mass of small white flowers, mostly double. Excellent for bouquets. Each, 65c; 3 for \$1.75.

**PYRETHRUM.** Robinson's Hybrids. Finest strain of Painted Daisies. Foliage fernlike and ornamental. Stems strong and erect. Easy to grow. Each, 50c; 3 for \$1.25.

**TRITOMA.** (Red Hot Poker Plant). Not too hardy in the North and must be given winter protection. The heads of rich orange-scarlet appear in August on spikes 3 to 4 ft. high. Each, 60c; 3 for \$1.50.

## NATIVE OUTDOOR FERNS

**MAIDENHAIR FERN** (*Adiantum Pedatum*). One of the most beautiful and attractive of our native ferns. 1-2 feet. Each, 50c; 3 for \$1.20; \$4.25 per dozen.

**EVERGREEN WOODFERN** (*Dryopteris Marginalis*). One of the best ferns for home gardens because of its evergreen nature and ease of culture. Good for holding soil on slopes. 1-2 feet. Each, 50c; 3 for \$1.20; \$4.25 per dozen.

**FLOWERING FERN** (*Osmunda Claytoniana*). A large, strong-growing fern of somewhat coarser growth than the other varieties. 2-4 feet. Each, 50c; 3 for \$1.20; \$4.25 per dozen.

**OSTRICH FERN** (*Pteritis Nodulosa*). A beautiful, large fern with long, graceful fronds recurving like an ostrich plume. Each, 50c; 3 for \$1.20; \$4.25 per dozen.

## HARDY FERN COLLECTION

12 Wild Ferns for \$4.35, Postpaid. These ferns are ideal for a beauty spot along the north side of your home or other shady places, combined with other native plants or alone. Collection consists of 3 each of the above named ferns, all for \$4.35, postpaid.

# OLDS' NATIVE WILD FLOWERS

Native plants are now very popular both for rock gardens and perennial borders. We are listing here some of the best and most popular kinds. These are not sent with other goods, but are mailed alone, postpaid, up to 1,000 miles from Madison, Wis., at the right time for planting, or when weather permits digging in April. Add 10c per plant if you are over 1,000 miles away. No orders for plants will be accepted from California, Washington, Florida, and Oregon.

**ASCLEPIAS** (*Tuberosa*). Butterfly Weed. 12-15 inches; brilliant orange flowers in midsummer; well drained soil in the sun. Each, 50c; 3 for \$1.20.

**BLUE COHOSH** (*Caulophyllum Thalictrifolium*). 10-15 inches. The bunches of blue berries in midsummer are the conspicuously ornamental features. Shade and leaf mold. Each, 50c; 3 for \$1.20.

**BLOODROOT** (*Sanguinaria Canadensis*). The white flowers appear very early in the spring. Each, 50c; 3 for \$1.20.

**BOTTLE GENTIAN** (*Gentiana Andrewsii*). The dark blue of the Bottle or Closed Gentian carries the flowering season for the wild garden into late October. Each, 50c; 3 for \$1.20.

**CARDINAL LOBELIA** (*Lobelia Cardinalis*). Brilliant cardinal flowers on stalks 2-4 feet high in August. Each, 50c; 3 for \$1.20.

**DUTCHMAN'S BREECHES** (*Dicentra Cucullaria*). 5 inches; white, early spring. Plant tiny bulbs shallow in rich leaf mold. Shade. Each, 45c; 3 for \$1.10.

**GREAT BLUE LOBELIA** (*Lobelia Syphillica*). Deep blue flowers on 12 to 24-inch spikes in August. Sun or light shade. Each, 50c; 3 for \$1.20.

**HEPATICA** (*Acutiloba*). Three-parted leaves pointed at tips. Easier to grow than others because it does not require acid soil. Evergreen leaves over winter, new leaves following the flowers. One of the loveliest little woodland flowers of early spring; varying shades of light blue, pink and white. Separate colors not available. Each, 50c; 3 for \$1.20.

**POLEMONIUM REPTANS** (*Jacobs Ladder*). A profusion of blue bells in spring. Light shade, fertile soil. 6-8 inches. Each, 50c; 3 for \$1.20.

**JACK-IN-THE-PULPIT** (*Arisaema Triphyllum*). 6-12 inches; brownish purple flowers in May followed by brilliant red berries. Prefers slightly acid leaf mold. Shade. Each, 50c; 3 for \$1.20.

**SHOOTING STAR** (*Dodecatheon Meadia*). 10-12 inches; white or pink; May. Open, well drained but not poor soil. One of our most beautiful wild flowers. Each, 50c; 3 for \$1.20.

**SHOWY TRILLIUM** (*Trillium Grandiflorum*). Flowers white, sometimes changing to pink. May. Rich leaf mold soil and light shade. Each, 30c; 3 for 75c.

**VIRGINIA COWSLIP** (*Mertensia Virginica*). 10-20 inches; glaucous green foliage, pink buds followed by delicate blue flowers in early spring. Sun or shade; fertile, moist soil. Each, 50c; 3 for \$1.20.

**WOODS PHLOX** (*Phlox Divaricata*). Makes a lovely carpet of blue in spring. Light shade, fertile soil and fair amount of moisture. Each, 50c; 3 for \$1.20.

## WILD FLOWER COLLECTION

18 Plants for \$3.50, postpaid.

Here is an ideal collection for the start of a wild flower garden. The assortment is composed of the following plants separately wrapped and labeled:

- 3 Yellow Lady Slippers
- 3 Hepatica
- 3 Mertensia
- 3 Shooting Stars
- 3 Trilliums
- 3 Jacks-in-the-Pulpit

All 18 plants for \$3.50, postpaid.

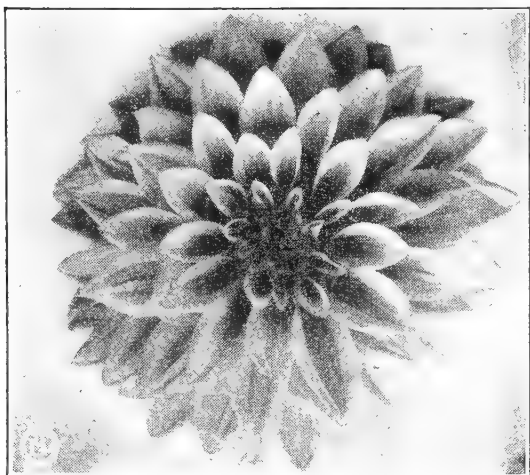


Cypripedium (Lady Slipper).

**CYPRIPEDIUM PUBESCENS** (Yellow Lady Slipper). Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. Most easily grown of all the Lady Slippers. Each, 60c; 3 for \$1.50.

**CYPRIPEDIUM SPECTABILE** (Showy Lady Slipper). The finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. Each, 60c; 3 for \$1.50.

# OLDS' EXQUISITE DAHLIAS



Decorative Dahlia

**AVALON.** (Decorative.) The finest bright yellow decorative for cutting we have seen. Long stems, ideal for cutting, splendid keeper when cut, very free-flowering. Plants three to four feet tall, flowers seven to eight inches across. Each, 40c; 3 for \$1.05, postpaid.

**COMMANDO.** (Decorative.) One of the new varieties of exceptional merit. The large Lilac blue, or Phlox purple flowers are very striking. The bush is unusually vigorous and strong, and the flowers are carried on heavy erect stems. Each, 90c; 3 for \$2.40, postpaid.

**GOLDEN STANDARD.** (Cactus.) A beautiful autumn color cactus dahlia. The 8-inch or larger flowers of a warm buff shading to amber, are borne on long, erect stems. Good grower and free flowering. Each, 60c; 3 for \$1.65, postpaid.

**JANE COWL.** (Decorative.) Color glistening bronze-buff and old gold. Flowers measure 10 inches across. Plants 4½ to 6 feet tall. A stem of unusual strength holds the giant flower. Each, 60c; 3 for \$1.65, postpaid.

**JEAN TRIMBEE.** (Semi-Cactus.) A semi-cactus of unique color. The graceful fully, twisted, and curved petals are a charming Petunia violet in color. They are held on stiff rigid stems well above the foliage. Vigorous grower. Each, 95c; 3 for \$2.40, postpaid.

**JERSEY'S BEACON.** (Decorative.) A universal favorite as an exhibition and garden flower; color is a Chinese scarlet with a paler reverse, giving it a two-toned effect. Flowers are large and globular in shape. The plant is a vigorous grower, having splendid insect-resisting foliage. Each, 55c; 3 for \$1.50, postpaid.

**JERSEY BEAUTY.** (Decorative.) A beautiful shade of rich clear pink that can hardly be described in words. The 7 to 8-inch flowers are carried high above the foliage on long, wiry stems. Plants 5 to 6 feet tall. A wonderful keeper and excellent for exhibition or commercial purposes. Each, 60c; 3 for \$1.65, postpaid.

**JERSEY'S DAINTY.** (Semi-Cactus.) A beautiful white slightly tinged lavender, with graceful curved and twisted petals. Flowers measure about 7 inches in diameter. Good strong bush. The exquisite flowers are excellent for cutting. Each, 55c; 3 for \$1.50, postpaid.

**LE TOREADOR.** (Decorative.) One of the leading large red cut flower dahlias. Flowers measure 6 to 7 inches in diameter and are a most brilliant intense red color. Free flowering with long stems. We highly recommend this. Each, 45c; 3 for \$1.20, postpaid.

**LOIS WALCHER.** (Decorative.) This large bi-color dahlia won five achievement medals in one season. The color is a true purple with the outer petals or one-third of flower pure white. Flowers are on good, strong stems and measure about 8 inches in diameter. Each, 95c; 3 for \$2.55, postpaid.

**MONMOUTH CHAMPION.** (Decorative.) A brilliant orange flame red glistening in light. One of the favorites. A good producer of perfect blooms through entire season. Each, 55c; 3 for \$1.50, postpaid.

**MRS. GEORGE LE BOUTELLIER.** (Decorative.) Bloom 9-12 inches across. Plants 3-4 feet tall. Mammoth rich deep crimson. One of the largest dahlias grown. Each, 45c; 3 for \$1.20, postpaid.

**MRS. I. DE VER WARNER.** (Decorative.) Blooms 8-9½ inches across, plants 5-6 feet tall. Rich clear lavender or violet-rose. Gigantic flowers, very long stems, most abundant bloomer. Each, 40c; 3 for \$1.05, postpaid.

**CULTURE:** Plant roots with live eyes in hills or drills lying flat down, 6 inches deep. Care must be taken that the bulbs do not come in direct contact with fertilizer. Work fertilizer into the soil before planting and then apply about ½ inch of good garden soil over this before planting. Dahlias, for best results, should be spaced in rows at least 3 feet apart and at least 18 inches apart in the row. Keep well cultivated.

After the frost has killed the tops, dig the tubers, remove the tops and turn upside down for a few hours, leaving as much dirt on the clump as possible. Store in a cool root cellar away from furnace heat. In the spring, divide the tubers, making sure that at least one live eye, which is on a portion of the crown, is on each division you plant. Bulbs without eyes are worthless.

• Store your bulbs in Vermiculite. See page 74.

**Please Note:** Bulbs are not mailed until April 15th.

**NATHAN HALE.** (Decorative.) A popular florist variety in the autumn shades. For years it has been the leader in its color in the New York city florist market. Flowers average 7 to 8 inches in diameter, and are of a beautiful, striking, bronzy golden buff color. Very resistant to insects and when cut will keep longer than most any other dahlia. Each, 45c; 3 for \$1.20, postpaid.

**ROSY DARLENE.** (Decorative.) We believe that this is the first time that this dahlia has been offered to gardeners as the demand has been so great from florists that stock was not available. This probably is the most beautiful pastel shade dahlia for cutting offered today. The color is a striking, attractive, light rosy pink with a darker rose center. Flowers measure 6 to 8 inches in diameter, and bloom freely on good strong stems. You will certainly want this variety in your dahlia garden. Each, 60c; 3 for \$1.65, postpaid.

**SATAN.** (Semi-Cactus.) This is a semi-cactus type with flame red horn-like petals rolled and incurved perfectly. Very tall, large leaves. Each, 75c; 3 for \$1.80, postpaid.

**THOMAS EDISON.** (Decorative.) Giant royal purple flowers growing on long stiff stems. While an old variety, it is still one of the most popular in its color class. Each, 70c; 3 for \$1.80, postpaid.

**TOWERS EMPIRE.** (Decorative.) A tall growing plant with dark green icy foliage. Flowers are large deep golden yellow of informal formation. An early and very free bloomer. Each, 85c; 3 for \$2.10, postpaid.

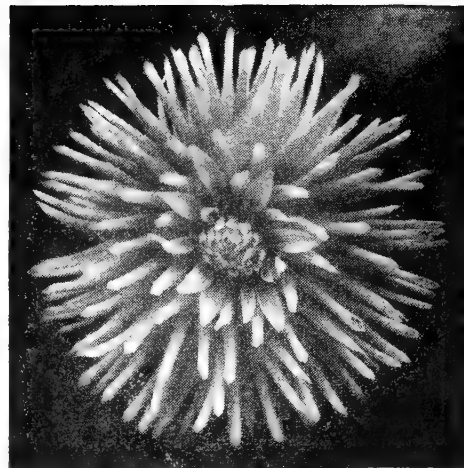
**WHITE KING.** (Decorative.) A beautiful snow white Dahlia of perfect form. Medium size flowers are produced in abundance on stiff wiry stems. Ideal for cutting over a long period of time. Each, 50c; 3 for \$1.35, postpaid.

## OLDS' FINEST MIXED DAHLIAS

A mixture of all choice named varieties showing every shape and color to be found in dahlias. These are grown as mixed and the varieties cannot be identified and we cannot send named varieties from this mixture at prices quoted. If separate colors are wanted, order the named varieties. Prices: 3 for 65c; 6 for \$1.25; 12 for \$2.35; 50 for \$8.45, postpaid.



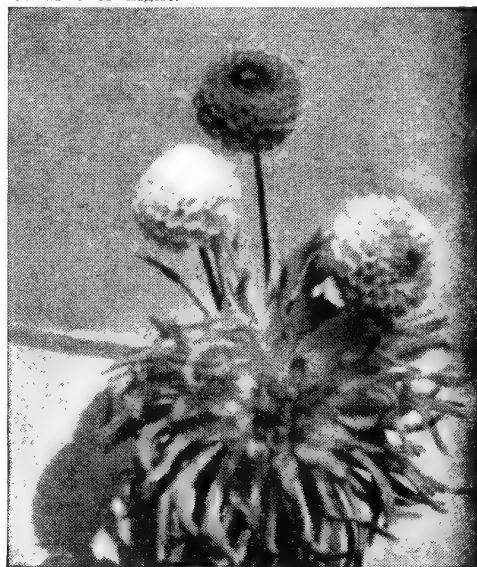
Olds' Finest Mixed Dahlias.



Cactus Dahlia

## CARE OF DAHLIA BLOOMS

Dahlias will last several days when cut if properly handled. Strip the foliage except at the top and immerse in hot water. Do not have the water any hotter than what your hand will stand. After the water cools, transfer the flowers to a pail of cold water and place in the cellar over night.



Cactus Dahlia with Pompons

## POMPONS

Pompon Dahlias are gaining in popularity. Their profuse ever-blooming nature and their small dainty flowers make them ideal for floral decorations and cut flowers.

**AMBER QUEEN.** (Pompon.) Exquisite blending of amber to apricot. Very free-flowering, splendid for table decoration. Strong, vigorous grower. Each, 35c; 3 for 85c, postpaid.

**CARDINAL.** (Pompon.) Bright flaming scarlet-red. Each, 35c; 3 for 85c.

**JOE FETTE.** (Pompon.) The best little white dahlia ever grown. Always loaded with small clear white flowers on fine graceful stems. Each, 35c; 3 for 85c.

**MARY MUNNS.** (Pompon.) A beautiful little pure lavender, which is excellent for cutting and exhibition. Each, 35c; 3 for 85c, postpaid.

**PINK PEARL.** (Pompon.) Soft pink with yellow center. Fine long stems, very free flowering. Each, 35c; 3 for 85c, postpaid.

**YELLOW GEM.** (Pompon.) The best clear yellow Pompon, very free flowering on long stems. Flowers measure about 1½ inches in diameter and the bush attains a height of about 3 feet. Each, 35c; 3 for 85c, postpaid.

## POMPON COLLECTION

We offer one each of these six dainty Pompon Dahlias listed above for \$1.75, postpaid. This is a real bargain and should not be overlooked.



The President, Canna.

## CANNAS

**CITY OF PORTLAND.** 3 feet. Large flowers of purest satiny-pink. Compact green foliage. The best pink Canna. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

**DOROTHY S.** 4 feet. One of the newer Cannas. Large flowers, beautiful salmon-red. Very vigorous plants with green foliage. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

**EUREKA.** 3½ feet. The best white Canna. Foliage light green; strong growth with large blooms. Color creamy white with faint lavender striping in the throat. Each, 25c; 3 for 65c; 12 for \$2.40, postpaid.

**KING HUMBERT.** Red. 4 feet. A cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers, bronze leaves. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

**THE PRESIDENT.** 4 feet tall. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong, long stems. The foliage is green. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

**YELLOW KING HUMBERT.** 4 feet. An orchid-flowering sort of the well-known King Humbert. Foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

One bulb each of the above six Cannas for 95c, postpaid.

**PLEASE NOTE**—Order Canna bulbs early and pot the bulbs in April. You will gain three to four weeks in the blooming season. Orders for Canna bulbs will be mailed about April if weather permits.



Double Camellia Tuberous Rooted Begonia.

## TUBEROUS ROOTED BEGONIAS

The Tuberous Rooted Begonias are becoming very popular. They do exceptionally well planted in the deep shade and will bloom where most flowers would fail. If the bed is fully exposed to the sun, care must be taken to make sure that the bed is kept moist at all times. The bulbs must be dug and stored for winter. Please state color wanted. Ready early March.

**DOUBLE CAMELLIA.** Scarlet, rose, pink, orange, yellow and white. State color wanted. 1½ to 2-inch bulbs, each, 40c; 3 for \$1.10; 6 for \$2.00; 12 for \$3.75, postpaid.

## GLOXINIA

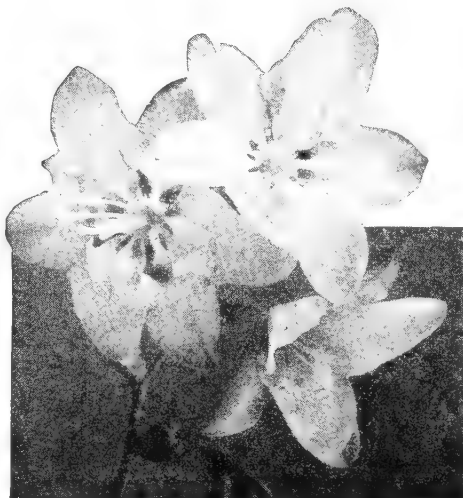
A beautiful house blooming plant with handsome bell shaped flowers of the richest colors. Easily grown in pots and transplanted to a garden bed. They prefer a semi-shady location. Prices, mixed colors, each, 45c; 3 for \$1.15; 12 for \$4.40, postpaid.



New Pink Calla Lily.

## NEW PINK CALLA

**REHMANNI.** A beautiful new true pink Calla that makes an unusual house plant. Flowers are large, borne on long, stiff stems, and are a delicate pink. Order and plant early indoors. Each, 60c; 3 for \$1.50, postpaid.



Montebretias.

## MONTEBRETIAS

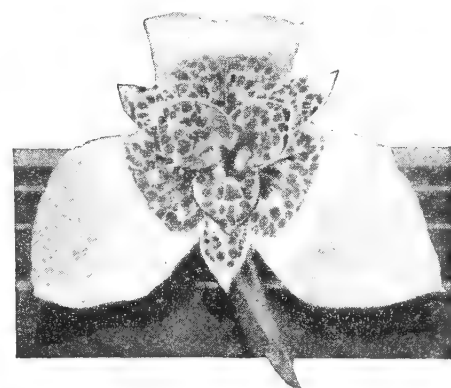
**MONTEBRETIAS MIXED.** Montebretias add much to the garden with their graceful flower stems. They do best on a light loamy soil enriched with leaf mold and a little lime. Here in the north they should be dug and treated the same as Gladiolus. Our mixture contains many bright shades of yellow, salmon, orange, and scarlet. Bulbs ready in April. 3 for 40c; 12 for \$1.25; 100 for \$9.50, postpaid.



Ismene Calathina.

## ISMENE CALATHINA

**ISMENE CALATHINA.** (Peruvian Daffodil.) Very fragrant pure white flowers borne three or four on a stem. Not hardy and should be dug and stored for winter. Large 1¼ to 2-inch bulbs, each, 35c; 3 for 95c; 12 for \$3.60, postpaid.



Tigridia Pavonia.

## TIGRIDIA PAVONIA BULBS

(Mexican Shellflower.)

Here is a flower for your garden that will produce a riot of color in August and September. The long, slender buds unfold into a gorgeous triangular flower of many vivid shades of scarlet. The flowers are formed by three long, broad petals extending from a central cut overlaid with three short petals of contrasting colors richly spotted. Grow like gladiolus. Bulbs, Mixed: each, 20c; 3 for 45c; 12 for \$1.60; 100 for \$10.00, postpaid.

## AMARYLLIS

**AMARYLLIS.** New Hybrid Mixed. Flowers are immense in an amazing range of color blends. Splashed and striped in a manner not seen in other strains. One of the largest of flowers which are easily forced indoors. Bulbs 2½ inches in diameter. Plant with ¼ of the bulb above ground. Separate colors not available. Large 2½-inch bulbs, each, 50c; 3 for \$1.25; 6 for \$2.40, postpaid.



Amaryllis.

## TUBEROSE BULBS

The sweetest scented flower that grows and one of the most charming.

**DWARF PEARL.** Large, double wax-like flowers of purest white; orange-blossom fragrance. Large 4 to 5-inch bulbs, each, 15c; 3 for 40c; 6 for 75c; 12 for \$1.40, postpaid.

**Please Note:** Bulbs are sent in April as soon as weather permits.



Dwarf Pearl Tuberose.



# OLDS' HARDY ORNAMENTAL SHRUBS

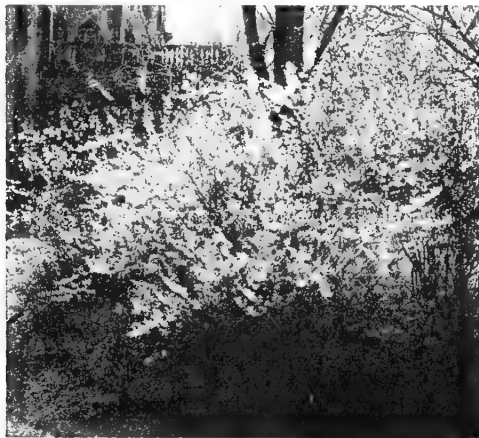
Our Hardy Ornamental Shrubs are all strong, field grown transplanted stock, measuring 1½ to 2 feet high unless otherwise specified. Please do not compare the high quality northern grown shrubs we offer with the much inferior southern stock that is offered by so many mail order concerns. Such stock does not have the vigor nor will it give the all around satisfaction so much desired in the present landscape. All nursery stock is packed separately and sent direct from our growing station near Madison. Order early if possible. We will fill your order at the proper time for planting. **ORDERS CANNOT BE SENT UNTIL WEATHER PERMITS DIGGING WHICH IS USUALLY ABOUT APRIL 1ST.** Shrubbery postpaid to points within 1,000 miles of Madison unless otherwise specified. Beyond 1,000 miles, add 10c per shrub for postage.

**OUR GUARANTEE ON NURSERY STOCK.** If our nursery stock is not satisfactory the goods may be returned to us at once and the amount paid will be gladly refunded. We do not guarantee growth after planting as soil, improper planting, weather, insects, and other conditions beyond our control must be considered.

The L. L. Olds Seed Co. will replace on satisfactory proof, all stock that may prove untrue to the description under which it is sold; or at its option, may refund the amount paid therefor; but in no case shall they be liable for any sum greater than the amount originally received for said stock. Unless accepted on these terms, goods are to be returned at once and purchase price will be refunded.

**ORIENTAL FLOWERING CRAB.** Similar to the American varieties such as Hopa but resistant to Cedar Rust. The dwarf trees are literally covered with pink blossoms in May and are a beautiful sight when in bloom. 4 to 5-foot trees. By express: Each, \$1.85; 3 for \$5.00.

**ORIENTAL QUINCE.** Medium growing. Fine glossy dark green foliage with large double orange-scarlet blossoms early in the spring. Plant in front of tall shrubs. Each, 90c; 3 for \$2.35, postpaid.



Forsythia.

**FORSYTHIA. (Golden Bell.)** One of the earliest shrubs to bloom. Strong vigorous shrubs with many branches which become clothed with bright golden yellow flowers before the leaves appear. Each, \$1.10; 3 for \$2.90, postpaid.



Chas. X. Md. Lemoine. Pres. Grevy.  
French Lilacs.

**LILAC, FRENCH.** There are few shrubs of rarer beauty than the Hybrid French Lilacs. We offer three of the finest varieties. These lilacs bloom much younger and far more profusely than the common types. The coloring is rare and the fragrance exquisite.

**CHAS. X.** Huge panicles of deep purple, almost red.

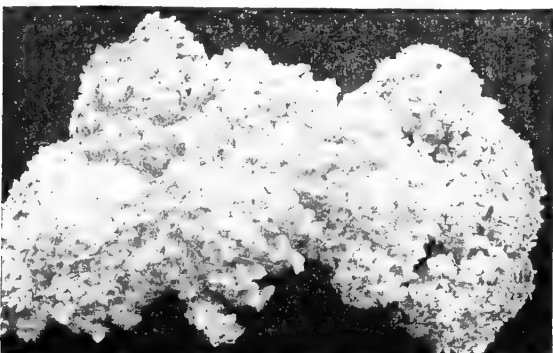
**MD. LEMOINE.** Lovely double milky-white.

**PRES. GREVY.** Enormous double blossoms of pale blue and pink.

Prices of all three varieties: Each, \$1.50; 3 for \$3.25, postpaid.

**LILAC, PERSIAN.** Has bright purple flowers but attains a height of only 5 to 6 feet. Blooms during May and June. Each, \$1.10; 3 for \$2.90, postpaid.

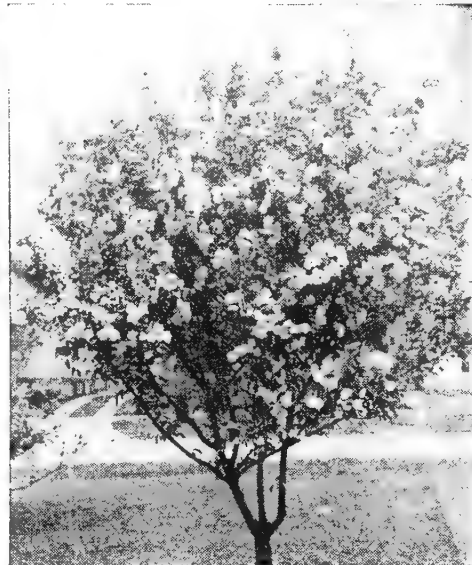
**LILAC, COMMON.** Lilacs are hardy and free flowering. Flowers in the spring and early summer. The purple is most widely known and grown. White or purple. Each, \$1.00; 3 for \$2.75, postpaid.



A Spray of Hydrangea Paniculata.

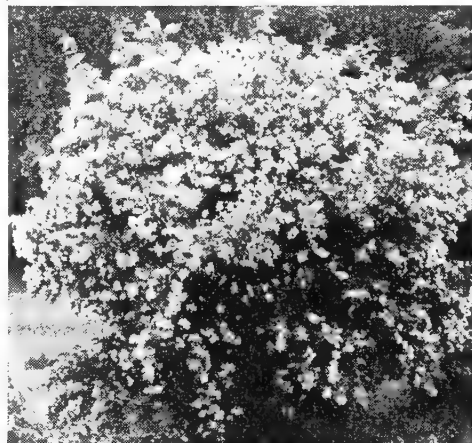
**PLEASE NOTE:** We do not accept orders for nursery stock from the following states—Florida, California, Oregon, and Washington.

**ALMOND, FLOWERING PINK.** A charming shrub of medium height. Pink double rose-like flowers completely cover the stems in May before the foliage appears. Each, \$1.25; 3 for \$3.10, postpaid.



Hopa Flowering Crab.

**CRAB (Flowering) Hopa.** A new red flowering crab with darkish red bark and foliage. Exceptionally hardy. 4 to 5-foot trees. By Express: Each, \$1.80; 3 for \$4.75.

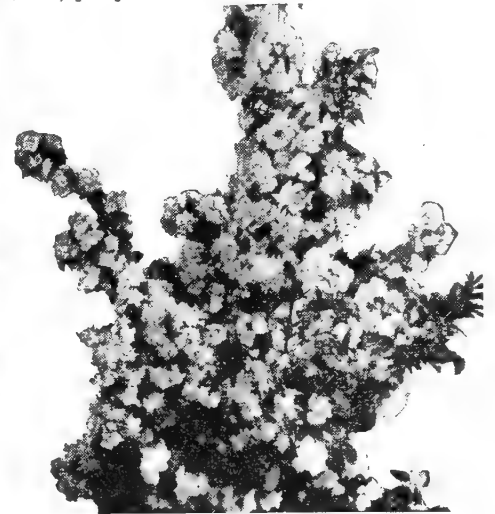


Tartarian Pink Honeysuckle.

**HONEYSUCKLE, TARTARIAN PINK.** A rapid grower. Attains a height of 8 to 12 feet. Blooms during May. Has slender, upright branches and small bright pink flowers followed by orange yellow berries. A good plant for tall hedges. Each, 95c; 3 for \$2.45, postpaid.

**HONEYSUCKLE, TARTARIAN RED. (Zabelli.)** This is the first and only really red Honeysuckle in existence. It grows to a tall stately bush, similar to the pink tartarian, but the blooms are a brilliant red, followed by red berries, completely covering the bush. One of the finest tall growing shrubs you can plant. Each, \$1.10; 3 for \$2.90, postpaid.

**HYDRANGEA PANICULATA.** Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. Each, \$1.25; 3 for \$3.10, postpaid.



Philadelphus Bouquet Blanc.

**PHILADELPHUS, Bouquet Blanc.** Attains a height of 6 feet. Completely covered with pure white, double blooms in large clusters. Sweet orange blossom fragrance. Each, \$1.25; 3 for \$3.10, postpaid.

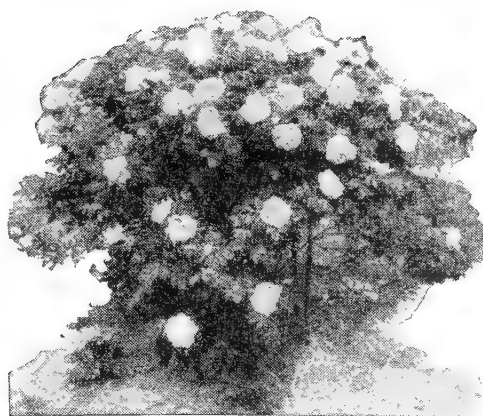
**PHILADELPHUS VIRGINAL.** The largest blossoming variety and as fragrant as the above sort. Grows 6 to 8 feet tall. Flowers are single and waxy white as a gardenia. Each, \$1.50; 3 for \$4.00, postpaid.

**SNOWBALL.** The Snowball is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. Each, \$1.00; 3 for \$2.75, postpaid.

**ROSE TREE OF CHINA. (Prunus Triloba.)** Every planting should contain the lovely "Rose Tree of China" pictured below. A small tree-like shrub, bearing such a profusion of beautiful clear pink blossoms in early spring that the branches are completely covered. Each, \$1.25; 3 for \$3.10, postpaid.



Rose Tree of China.



Hansa Rugosa Rose.

## HARDY RUGOSA ROSES

This type of rose is probably the hardiest of all roses and will winter through in our northern climate without protection.

**HANSA.** The hardiest rose on the entire list. Has deep violet-red double flowers. The buds are borne in clusters. Price: Each, \$1.25; 3 for \$3.25, postpaid.

**BELLE POITEVINE.** A semi-double rose of a delicate pink shade. This rose blooms practically the entire summer. Price: Each, \$1.25; 3 for \$3.25, postpaid.

**F. J. GROOTENDORST.** Beautiful small red flowers in clusters resembling red carnations. Bush grows about three to four feet high and should be pruned back severely each spring. Blooms from June until frost. Prices: Each, \$1.50; 3 for \$4.00, postpaid.

## Climbing or Rambler Roses

The varieties listed below are quite hardy but should have winter protection.

**EXCELSA.** The red Dorothy Perkins. A brilliant blood red cluster rose. The clusters are large and double.

**DOROTHY PERKINS.** The well-known double, shell pink rose borne in clusters in great profusion.

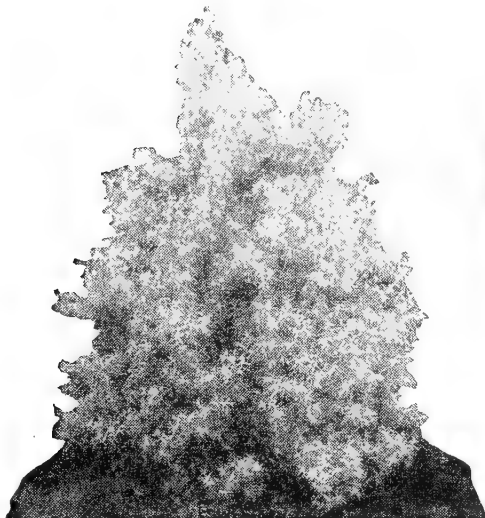
**MARY WALLACE.** The best rose-pink pillar rose. Semi-double blooms of bright clear rose-pink deepening to salmon at the base. Strong grower with shiny foliage.

Prices, above varieties: 2-Year-Old No. 1 Field Grown, each, \$1.50; 3 for \$4.00, postpaid.

**PAUL'S SCARLET.** The finest red climbing or pillar rose. Flowers are semi-double, vivid scarlet shading crimson and borne in clusters. Blossoms for a long season.

Prices, 2-Year-Old No. 1 Field Grown: Each, \$1.60; 3 for \$4.25, postpaid.

**TEA ROSES.** See inside front cover.



Russian Olive.

**RUSSIAN OLIVE.** For a fast growing, tall shrub, plant Russian Olive. Its blossoms are inconspicuous—its beauty is in the lovely silvery grey foliage. Often used as contrast with green foliated shrubs. Each, 90c; 3 for \$2.35, postpaid.



Spirea Van Houttei.

**SPIREA VAN HOUTTEI.** (Hardy Bridal Wreath.) Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. Each, 85c; 3 for \$2.25, postpaid.

**SPIREA, ANTHONY WATERER.** 12 to 18-inch stock. Produces bright crimson blooms throughout the summer. Dwarf growing. Each, 90c; 3 for \$2.35, postpaid.



Snowberry.

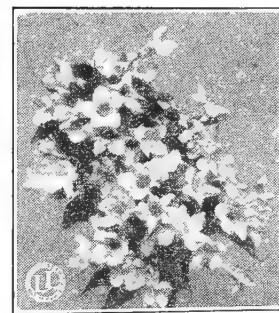
**SNOWBERRY.** Medium sized shrub, growing 3 to 4 feet tall, bearing a profusion of milky white berries in fall. One of the finest shrubs for shady places. Each, 85c; 3 for \$2.25, postpaid.

**VIBURNUM DENTATEUM.** (Arrowwood.) Flat white flowers in June followed by blue-black berries in the Fall. Foliage colors brilliantly in Autumn. A bushy upright shrub, attaining a height of 10 feet. Perfectly hardy and will succeed in shade. Each, \$1.00; 3 for \$2.75, postpaid.

**VIBURNUM AMERICANA.** (American High Bush Cranberry.) Large bunches of shiny scarlet berries in the Fall and Winter is the distinguishing feature of this ornamental plant. Foliage changes to a beautiful red in the Fall. The flat white flowers appear in June against bright green foliage. Attains a height of 7 to 10 feet. Each, \$1.00; 3 for \$2.75, postpaid.



Viburnum Americana.



A Spray of Weigelia.

**WEIGELIA ROSEA.** 5 to 6 feet in height. A hardy and beautiful shrub bearing a profusion of rose-colored flowers. Each, \$1.00; 3 for \$2.75, postpaid.

**VIBURNUM LANTANA.** (Wayfaring Tree.) If you want a really fine tall growing shrub for a shady place, plant this. Foliage is thick, dark green and rich looking. Large, flat white blossoms in early spring, followed by large clusters of blue-black seeds in fall. Each, \$1.00; 3 for \$2.75, postpaid.

## HARDY VINES

**ENGELMANII IVY.** It has a foliage which turns to bright crimson in the fall. It also has a fair clinging habit of growth and may be planted to climb rough surfaces; harder than the Boston Ivy and will do well in any situation. 3-year vines. Each, 80c; 3 for \$2.10, postpaid.

**BOSTON IVY.** (Veitchi.) The well known vine for covering brick and stone work. Clings better than Engelmanni. Each, \$1.25, postpaid.

**BITTERSWEET.** (Celastrus Scandens.) A native climbing or twining plant, with fine, large leaves, yellow flowers and clusters of orange capsuled fruit. It grows 10 to 12 feet in a season. Each, \$1.00; 3 for \$2.75, postpaid.

**CHINESE PURPLE WISTERIA.** One of the most rapid growing of all climbing plants. Has very beautiful clusters of pale blue flowers in May and June, also frequently blooms again in the fall. Grafted stock, each, \$1.50, postpaid.

## HEDGE PLANTS

**PRIVET AMOOR.** (Siberian.) A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. 1 to 1½-foot stock, 5 for \$2.00; 10 for \$3.00, postpaid. By express f. o. b. nursery, 100 for \$26.00.

**BARBERRY, RED LEAF.** Habit the same as the well-known green Barberry, but the leaves are a beautiful, deep red. If planted in very sunny position, the color is intense. Each, 90c; 3 for \$2.50, postpaid.

**BARBERRY THUNBERGI.** Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. A good plant to use as a protection for evergreens. 1 to 1½-foot stock, 55c each; 10 for \$4.50, postpaid. By express f. o. b. nursery, 100 for \$40.00.

## FAST GROWING SHADE TREES

**CHINESE ELM.** Very popular due to the fact that it is probably the most rapid growing shade tree. Its leaves are much smaller than those of the common elm. It is a fine shaped tree, extremely hardy, and will thrive on poor soils and in dry locations. A heavy seeder so not desirable near gardens. 4 to 5-foot trees. By express f. o. b. nursery, each, \$1.30; 3 for \$3.30.

**SEEDLINGS.** 1½ to 2-foot stock: 10 for \$1.25; 50 for \$5.00, postpaid.

**ELM AMERICAN.** (White Elm.) One of the largely used trees for street planting and as a shade tree for lawns and parks. Hardy and a rapid grower. 6 to 8-foot trees. By express f. o. b. nursery: Each, \$1.85; 3 for \$5.00.

**MOUNTAIN ASH.** Valued for its large clusters of orange-red berries that attract the birds throughout the fall. Foliage colors yellow in the fall. Five to six-foot trees. By express f. o. b. nursery: Each, \$2.00; 3 for \$5.50.

**SILVER MAPLE.** (Soft Maple.) 5 to 6-foot trees. A well-known ornamental tree with wide spreading slender branches. By express f. o. b. nursery, each, \$1.50; 3 for \$4.00.

**LOMBARDY POPLAR.** A tall, picturesque, spire-like tree. Fine for formal plantings along avenues or for marking boundaries. 4 to 5-foot trees. By express f. o. b. nursery, each, \$1.10; 3 for \$2.90.



Gem Everbearing Strawberries.

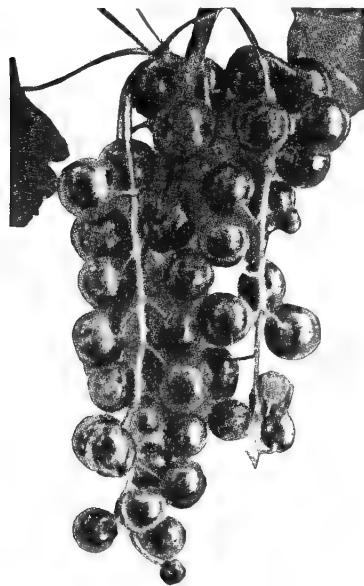
## EVERBEARING STRAWBERRIES

**GEM.** The berries are large, uniform in size and shape and real beauties. Deep glossy red clear through. Never green tipped or white-fleshed which is common among everbearing varieties. The berries ripen red from top to bottom, inside and out. The flavor and the quality is wonderful. Berries sweet and delicious and so firm they will keep for days after picking. Plants large and robust. Price: 25 plants for \$1.70; 50 plants, \$2.95; 100 plants, \$4.75; 250 for \$10.45, postpaid.

**MINNESOTA 1166.** Our favorite everbearing strawberry. See page 38 for description and color illustration. Price: 25 plants, \$1.95; 50 plants, \$3.65; 100 plants, \$6.40; 250 plants, \$14.25, postpaid.

**STREAMLINER.** A new everbearing strawberry recently introduced, which is becoming exceedingly popular. Berries are bright red in color, smooth, large, firm, and have a delicious sweet flavor. It will bear in 60 to 90 days after planting, and produce right up to frost. Keep plants trimmed to 8 to 12 new plants by pinching off the excess new runners. Price: 25 plants, \$2.25; 50 plants, \$4.05; 100 plants, \$6.95; 250 plants, \$14.95, postpaid.

**MASTODON.** The largest Everbearing Strawberry. Nine selected berries have filled a quart box. The berries are firm and solid and of a rich, glossy red, delicious in flavor considering their size. Not a shipper. It is one of the largest, heaviest producing strawberries yet introduced. Will not do well on all soils. Price: 25 plants for \$1.90; 50 for \$3.35; 100 for \$5.95; 250 for \$13.30, postpaid.



Cherry Currant.

# OLDS' STRAWBERRY PLANTS

Our strawberry plants are freshly dug, well-packed and sent by themselves at planting time direct from our growing station. They are well-rooted, large plants. Plants cannot be sent until frost is out of the ground, usually about April 1st. See our Nursery Stock Guarantee on page 32. All orders are filled in the order in which they are received and customers desiring plants should order early.

## JUNE BEARING STRAWBERRIES

**BLAKEMORE.** (Perfect Flowering.) A very early, self-pollinizing, June berry. Heavy producer and recommended for shipping. The bright red firm berries retain their color for a long time. Plants stand unfavorable weather conditions and thrive on poor soils. Price: 25 plants, 95c; 50 for \$1.70; 100 for \$2.90; 250 for \$5.65; 500 for \$9.95, postpaid.

**BEAVER.** (Perfect Flowering.) The Beaver is an offspring of the Dr. Burrell and Premier and a much better commercial berry than either one, as the berries are larger, sweeter and firmer. Will stand unfavorable soil and climatic conditions better than any other variety. The berries are dark red to the center, of a uniform size and the texture firm, requiring picking not more than twice a week. A deliciously mild and sweet berry. An extra early but it will bear on through with the late varieties. Price: 25 plants for 95c; 50 for \$1.70; 100 for \$2.90; 250 for \$5.65; 500 for \$9.95, postpaid.

**CATSKILL.** (Perfect Flowering.) A new mid-season variety introduced by the New York Agriculture Experiment Station. Berries are large size, bright red and attractive. A heavy yielder and a sure cropper. Quality excellent. The best midseason berry. Price: 25 plants for \$1.35; 50 plants, \$2.30; 100 plants, \$3.50; 250 plants for \$7.75; 500 plants for \$13.75, postpaid.

**SENATOR DUNLAP.** (Perfect Flowering.) Considered by many the best all-around June strawberry. At any rate it is the one most widely known. The plants are medium in size, long rooted and thoroughly drought resistant. The variety is unusually productive, beginning to ripen early and continuing to bear for a long time. Berries are medium size, smooth, regular and firm and the color is a beautiful red extending well to the center. Price: 25 plants, 95c; 50 for \$1.70; 100 for \$2.90; 250 for \$5.65; 500 for \$9.95, postpaid.

**DORSETT.** (Perfect Flowering.) A new frostproof June bearing strawberry. Its outstanding characteristics are earliness, quality of fruit, and resistance to drought and heavy rains. It produces berries that are large, ideal in color, and uniform in shape. Berries are flame-red and they hold this color after picking. Very sweet and sub-acid. Yields of 1,000 crates per acre are not unusual. Price: 25 plants, \$1.35; 50 for \$2.30; 100 for \$3.50; 250 for \$7.75; 500 for \$13.75, postpaid.

**FAIRFAX.** (Perfect Flowering.) A beautiful new medium early with disease resistant foliage. Does very fine on heavy land. Berries are large, uniform, and full. Dark carmine red to the center. Fine flavor and will usually bring a higher price than other varieties of standard strawberries on the market. Price: 25 plants, \$1.35; 50 for \$2.30; 100 for \$3.50; 250 for \$7.75; 500 for \$13.75, postpaid.

**PREMIER.** (Perfect Flowering.) With due respect for all other strawberries, the finest June bearing home garden variety. Early, strong grower and productive. Does well in all soils and climate. Attractive berries of finest quality. Price: 25 plants, \$1.25; 50 for \$2.10; 100 for \$3.35; 250 for \$7.30; 500 for \$12.95, postpaid.

**ROBINSON.** (Perfect Flowering.) A new introduction originating in the commercial strawberry growing section of Michigan. Growers there claim that this variety will take the place of Premier as a market berry, as it is a sure-cropper of the very finest appearing berries. It ripens about three or four days later than that standard variety. Berries are glossy red in color, big in size and firm. Plants are vigorous and produce a tremendous number of new plants on most any soil, which accounts for the heavy yield. Prices: 25 plants, \$1.25; 50 plants, \$2.10; 100 plants, \$3.35; 250 plants, \$7.30; 500 plants, \$12.95, postpaid.

## OLDS' CURRANTS

For sale in Wisconsin only.

The currant is one of the most valued of all small fruits by the home gardener. It does not winterkill, is easy to cultivate, and requires little pruning. Ornamental as well as useful. Strong 2-year No. 1 plants.

**CHERRY.** We consider this the best currant, large, vigorous, compact stalky bushes. Clusters rather short with medium to large, bright red fruit with very thin skin. Very juicy and of fine flavor. Each, 65c; 3 for \$1.65; 10 for \$5.25, postpaid.

**RED LAKE.** (Minnesota No. 24.) A currant originating at the Minnesota Fruit Breeding Farm. It has been thoroughly tested throughout the Northwest and has proven to be of superior quality and productiveness. It is exceptionally large with long well-filled clusters. Ripens early midseason but has a long-bearing period. An excellent market berry. Each, 80c, postpaid.

## OLDS' GRAPES

Grapes are one of the best and most healthful fruits we have. Perfectly hardy and easy to grow in any soil if not too wet. Plant beside an arbor or in rows 8 feet apart. Grow delicious grapes in your own garden.

**Strong 2-yr. No. 1 plants.** Price, all varieties, but Concord, each, 60c; 3 for \$1.50, postpaid. Assorted varieties if desired.

**CONCORD.** The old standard purple grape, doing well everywhere. A heavy yielder. See illustration on page 39. Price, each, 55c; 3 for \$1.45; 10 for \$4.35, postpaid.

**NIAGARA.** Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough.

**WORDEN.** An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

**DELAWARE.** An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

**BETA.** The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium sized, jet black, juicy and of fair quality.

## OLDS' RED RASPBERRIES

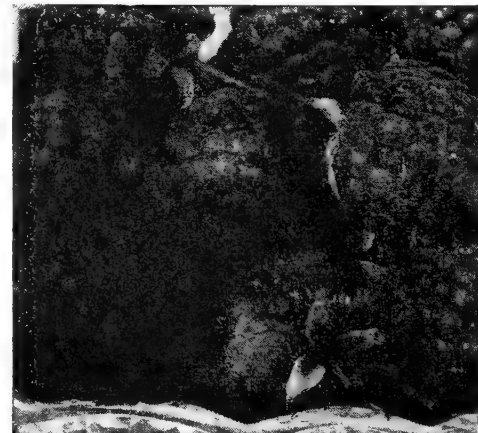
**SUNRISE.** A new early variety of raspberry which is fully ten days to two weeks ahead of Latham. The dark red berries are firm, fine texture, juicy, mild in flavor. See page 38 for color illustration and complete description. Prices: Strong two-year-old No. 1 heavy plants, 12 for \$3.00; 25 for \$4.50; 50 for \$8.00, postpaid. By express f. o. b. nursery, 100 for \$15.00.

**LATHAM.** A grand red raspberry possessing splendid market qualities. Strong and disease resistant. Fruit large, often measuring one inch in diameter, of a dark red color. Juicy and fine flavored. Will live through the winter in Wisconsin without any protection. Prices: Strong two-year-old No. 1 heavy plants, 12 for \$2.25; 25 for \$3.75; 50 for \$6.50, postpaid. By express f. o. b. nursery, 100 for \$11.90.

**TAYLOR.** A New York Experiment Station introduction. The plants are unusually vigorous, hardy, productive and tall growing. The canes hold berries well off the ground. The berries ripen before Latham, are large and long. Color bright attractive red. Flesh thick, sub-acid and of excellent quality. Prices: (strong 2-yr. No. 1 heavy plants), 12 for \$2.50; 25 for \$4.00; 50 for \$7.00, postpaid. By express f. o. b. nursery, 100 for \$13.50.

## BLACK RASPBERRIES

**CUMBERLAND.** A wonderfully productive variety. Berries run  $\frac{3}{4}$  to 1 inch in diameter. Black in color. Requires more space than the red varieties so is not satisfactory in the small garden. Price: 12 for \$3.00; 25 for \$4.50; 50 for \$8.00, postpaid. By express f. o. b. nursery, 100 for \$15.00.

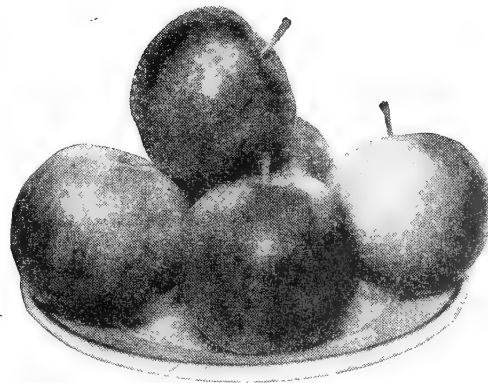


Latham Raspberries.



# Olds' Hardy Northern Grown Fruits

NO FARM IS COMPLETE  
WITHOUT AN ORCHARD



McIntosh Apples.

## OLDS' APPLES

**PRICES OF ALL APPLE TREES**, except those priced separately: 4 to 5-foot trees, well branched, by express f. o. b. nursery: \$1.60 each; 3 for \$4.20; 10, assorted varieties if preferred, for \$12.50. Please give name of nearest express station.

**Please Note:** Trees are all sent by express f. o. b. nursery. Where customers do not have an express station we can make shipment by parcel post. If wanted by mail, add 20c per tree for postage. We prefer to ship by express as it is much more satisfactory.

## WINTER APPLES

**CORTLAND.** A late winter McIntosh. The fruits are larger and more uniform in size. They have much more color and the red is brighter. See page 38 for description and color illustration.

**DELICIOUS.** Good size, fine quality. Tree good grower and hardy. Most popular eating apple.

**DARK RED DELICIOUS.** Similar to the Delicious apple but has a dark red color all over, making it very attractive.

**FAMUSE. (Snow.)** The popular Snow Apple. Medium, deep crimson, flesh white, of best quality. Famous eating apples.

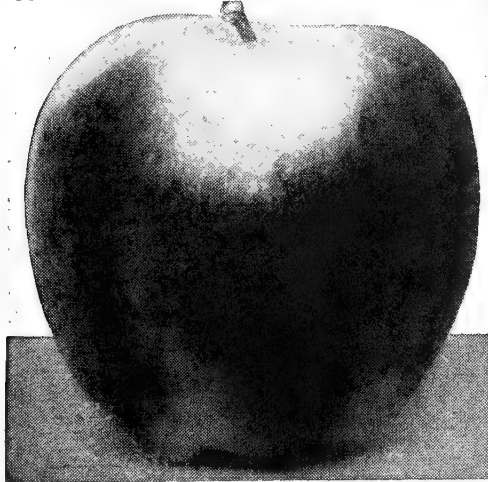
**JONATHAN.** Not recommended for northern Wisconsin, but satisfactory for southern Wisconsin. Excellent flavor, fine grain, tender apple. Medium in size. Yellow apple covered with red.

**NORTHWESTERN GREENING.** An old-time favorite. Hardy, greenish yellow, of extra large size; extra long keeper. Good cooker and popular for baking.

**MCINTOSH.** One of the best and most satisfactory apples for Wisconsin. Medium size, spicy, bright red and of highest quality. Tree vigorous with spreading head. Annual bearer.

**PERKINS.** Originated by T. E. Perkins of Red Wing, Minnesota. The fruit is large, dark, deep red and round as a ball. Flesh fine grained, tender, juicy, good quality and delicious flavor, and keeps until March. Tree vigorous, a good grower, heavy annual bearer. One of the best varieties for the North.

**RED WING.** Originated in Red Wing, Minnesota. A winter apple streaked with red on yellow background. Hardy and a good cooking apple.



Delicious Apple.

**PLEASE NOTE:** We do not accept orders for nursery stock from the following states, Florida, California, Oregon, and Washington.

## SUMMER AND FALL APPLES

**ANOKA.** Popular because it bears freely on one-year-old wood beginning the second year after planting and annually thereafter. Fruit is similar to Duchess. Very hardy and blight resistant. Ripens early about the time of the Duchess or a little before.

**DUCHESS.** A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

**YELLOW TRANSPARENT.** An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

## NEW APPLES

**FIRESIDE.** (Minnesota No. 993.) An outstanding apple for the North. See page 38 for color illustration and description. An excellent home orchard variety that is hardy throughout Wisconsin. Prices, by express f. o. b. nursery: Each, \$1.75; 3 for \$4.75.

**HARALSON.** Originated at the Minnesota Fruit Breeding Farm. See page 38 for description and color illustration. Prices by express, f. o. b. nursery: Each, \$1.75; 3 for \$4.75.

**MACOUN.** A McIntosh hybrid that deserves a place in every orchard. The fruit is very large with eating qualities similar to McIntosh; however, the color is a deeper over-all red with a deep bloom. Just a few days later than McIntosh, ripening in late September. Prices by express f. o. b. the nursery: Each, \$1.75; 3 for \$4.75.

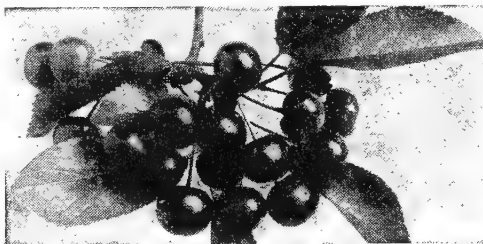
**TURLEY WINESAP.** An improved, earlier bearing Winesap. Trees bear in 5-6 years. Fruits rich red. Flesh bright cream tinted with yellow. Fine, tender, juicy and mildly sub-acid. Keeps until April. Prices by express f. o. b. nursery: Each, \$1.75; 3 for \$4.75.

## OLDS' CRAB APPLES

Prices, 4 to 5-foot trees. By express f. o. b. the nursery: Each, \$1.60; 3 for \$4.20; 10 for \$12.50.

**DOLGO CRAB.** Fruit hangs in big clusters and is fiery red. Jellies perfectly even when dead ripe. Excellent for canning. Bears young and abundantly. Extremely hardy and free from blight. A shapely tree, beautiful in flower and in fruit. It makes a very good tree for ornamental purposes.

**WHITNEY.** One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.



Montmorency Cherry.

## OLDS' HARDY CHERRIES

Prices of cherries by express, f. o. b. nursery: 4 to 5-foot trees, well branched. Each, \$2.85; 3 for \$7.75.

**MONTMORENCY.** Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

**EARLY RICHMOND.** An early variety of extreme hardiness bearing large crops. Light to dark red, juicy. See page 35 for color illustration.

Start a planting of the new all red rhubarb—Chipman's Red. See page 39.

## WIS. SPHAGNUM MOSS

For packing roots and nursery stock.

By freight or express f. o. b. Madison: Burlap bale (about 15 lbs.), \$1.70; 5 bales at \$1.65; 10 bales at \$1.60 per bale.



Underwood Plum.

## OLDS' HARDY PLUMS

**UNDERWOOD.** (Minnesota No. 91.) Earliest and hardiest of the large new plums, ripening August 1st to August 15th, and attaining a size of 1 1/4 inches in diameter. Fruit red, juicy; very small pit, free stone. Prices (4 to 5-foot trees) by express f. o. b. nursery: Each, \$1.90; 3 for \$5.25; 10 for \$16.00.

**SUPERIOR PLUM.** Our new hardy plum. Measures two inches in diameter. See page 38 for illustration and description. Prices (4 to 5-foot trees) by express f. o. b. nursery: Each, \$1.90; 3 for \$5.25; 10 for \$16.00.

**MONITOR.** Good size, very dark red plum of unusually fine quality. Hardy. Prices (4 to 5-foot trees) by express f. o. b. nursery: Each, \$1.70; 3 for \$4.50; 10 for \$12.75.

**PIPESTONE.** A new plum that is considered superior to most of the plums now in cultivation. It is a very large, productive, early red plum of high quality. It begins to ripen the first week of August. One of the largest of hybrid plums. Excellent for canning. Prices (4 to 5-foot trees) by express f. o. b. nursery: Each, \$1.90; 3 for \$5.25; 10 for \$16.00.

**WANETA.** The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and flavor. Prices (4 to 5-foot trees) by express f. o. b. nursery: Each, \$1.70; 3 for \$4.50; 10 for \$12.75.

## OLDS' HARDY PEAR

Prices (4 to 5-foot trees) by express f. o. b. nursery, well branched: Each, \$2.75; 3 for \$7.50.

**BARTLETT.** Large, buttery, juicy, high-flavored, great bearer, very popular, early.

**PARKER.** A variety of pear that was developed in Minnesota for the colder section of the Northwest. See page 39 for color illustration and description.

## OLDS' HARDY PEACHES

**MARQUETTE.** A seedling variety that has proven very hardy in Wisconsin. It originated in the northern peninsula of Michigan. A free stone variety of medium size, white flesh and of excellent quality. It is as fine a flavored peach as we have ever eaten. Prices, 4 to 5-foot trees, by express, f. o. b. nursery: Each, \$1.80; 3 for \$4.95.

**POLLY.** Introduced in 1934 by the Iowa Experimental Station. It has withstood temperatures as low as 15 to 20 degrees below zero. Its hardiness, however, is not its only recommendation, for it is one of the finest flavored peaches ever introduced. Because of its fine texture, it is not a good shipper and we recommend it for home use. Flesh is white, juicy and firm. The fruit is large, blushed and free stoned. It retains its firm texture when canned. Prices, 4 to 5-foot trees, by express f. o. b. the nursery: Each, \$1.80; 3 for \$4.95.

# OLDS' ELEGANT GLADIOLI



Olds' Exhibition Gladiolus Mixture.

## OLDS' EXHIBITION MIXTURE

The gladioli in this mixture are of many colors, including most of our named varieties together with many new seedlings. The bulbs are all of number one size, measuring 1½ inches or over in diameter. For the market gardener or commercial flower grower this is a very fine assortment to use as the price is exceptionally low and the cut flowers can be sold for just as much as those of the named varieties. Will make a wonderful showy display in the garden. Doz., 60c; 25 for \$1.15; 100 for \$3.75, postpaid. By express, f. o. b. Madison: \$30.00 per 1,000.

## PINK, ROSE AND SALMON SHADES

**BAGDAD.** Smoky old rose deeper toward the edges and lighter in the throat. Flowers are large and many open at a time. Very fine. Each, 12c; 6 for 70c; doz., \$1.30; 100 for \$8.00, postpaid.

**BEAUTIFUL DREAM.** Midseason, large deep pink, opening six to eight large blooms on a long flowerhead. Each, 12c; 6 for 70c; doz., \$1.30; 100 for \$8.00, postpaid.

**BINGO.** Large flesh colored florets, flecked deep pink, with a rose and cream throat. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**CHARMAINE.** Midseason, a dull rose color. This variety has gained popularity. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**DEBONAIRE.** A La France pink with shrimp pink in throat and creamy throat marks. A very popular variety. Each, 10c; 6 for 50c; doz., 90c; 100 for \$7.00, postpaid.

**DREAM O' BEAUTY.** See next page.

**PHYLLIS McQUISTON.** A gorgeous pure pink of outstanding merit. The tall spikes of large pink flowers with throats of lighter shade each appear like a bouquet. Each, 10c; 6 for 50c; doz., 90c; 100 for \$7.00, postpaid.

**PICARDY.** See next page.

**ROSA VAN LIMA.** See next page.

## WHITE AND CREAM SHADES

**MARGARET BEATON.** See next page.

**SHIRLEY TEMPLE.** Soft, rich, deep cream, heavily ruffled of mammoth size. Nothing more beautiful than a good spike of this variety. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**SNOW PRINCESS.** Early midseason. White. May well be called an improved Maid of Orleans. Is a little more pure white in color and grows fully as well as Maid of Orleans. Each, 12c; 6 for 70c; doz., \$1.30; 100 for \$8.00, postpaid.

**WHITE GOLD.** A clear light cream shading to golden throat. Blooms are well placed on the stem with about five buds opening up in the field. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

The Gladiolus is generally recognized as the most beautiful and popular of all the flowers grown from summer flowering bulbs. They are of very easy culture and well suited for garden as well as cut flower purposes.

Our bulbs are all first size (one and one-half inches in diameter and up), high crowned, grown from Semesan-treated bulbs and are of exceptionally fine quality.

Do not confuse our bulbs with those offered as blooming size bulbs which are No. 3's or less and only one inch or less in diameter.

**PLEASE NOTE:** Orders for bulbs will not be mailed until danger of freezing is over, usually about March 15th. Fifty bulbs at one-half the 100 price.

## YELLOW SHADES

**OREGON GOLD.** Light creamy yellow that opens 9 to 10 large somewhat ruffled blooms on a very tall plant with a strong flowerhead. Considered one of the best yellows. Each, 20c; 3 for 50c; 6 for 95c; doz., \$1.80, postpaid.

**GATE OF HEAVEN.** See next page.

**GOLD DUST.** Probably the deepest low priced yellow. Very early, medium sized blooms on tall spikes. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

## LAVENDER AND SMOKY SHADES

**BADGER BEAUTY.** See next page.

**BLUE BEAUTY.** A beautiful blue shade becoming a bit lighter at the edge of the petals. It is a tall, strong grower and produces long spikes that will open eight florets at once. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**ELIZABETH THE QUEEN.** Beautiful clear mauve with darker lines in the throat. Large, beautifully ruffled, fine form, with 7 to 8 large blooms open. The most distinctive and beautiful lavender. Each, 20c; 3 for 50c; 6 for 95c; doz., \$1.80, postpaid.

**KING LEAR.** Early. Clear deep reddish purple with silver line at edges of petals. The blooms are very large and heavily ruffled on tall spikes. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**LAVENDER RUFFLES.** Light orchid lavender, heavily ruffled, medium tall spike, perfect placement. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**VAGABOND PRINCE.** A rich garnet-brown or mahogany with a glowing scarlet blotch. Eight or more florets open at a time. Opens up well when cut. Midseason. One of the richest and best of the smoky varieties. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

## RED AND ORANGE SHADES

**ALGONQUIN.** See next page.

**BIT O' HEAVEN.** Fine bright orange, tall straight spike, 6 to 8 flowers open at one time, perfect placement. Each, 10c; 6 for 50c; doz., 90c; 100 for \$7.00, postpaid.

**BEACON.** One of the most brilliant and tallest of all varieties. Eight florets open at once on a very long spike. Brilliant scarlet with creamy throat. Midseason. Each, 10c; 6 for 50c; doz., 90c; 100 for \$7.00, postpaid.

**DR. F. E. BENNETT.** Fiery scarlet with fine white lines in the throat. Several large well placed blooms open. A prize-winner. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**HAWKEYE RED.** A red sport of Vagabond Prince. A bright red with a small blotch of darker red on lip petal. Eight to ten well placed large sized blooms open at a time. Each, 20c; 3 for 50c; 6 for 95c; doz., \$1.80, postpaid.

**ROCKET.** Midseason. Most vivid gorgeous scarlet. Opens 7 to 8 medium large perfectly placed blooms. One of the finest reds. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

## Olds' Blue Ribbon Collection

10 Prize-Winner Gladioli Bulbs, \$1.10, postpaid.

Here is an assortment of beautiful, outstanding Blue Ribbon Winning Gladioli, the cream of our entire list. The collection contains one each of the following varieties separately wrapped and labeled.

Gate of Heaven, yellow.

Vagabond Prince, mahogany-brown, red blotch.

Lavender Ruffles, light lavender.

Dr. F. E. Bennett, scarlet.

Snow Princess, white.

Charmaine, deep rose.

Bingo, flesh.

Phyllis McQuiston, large pure pink.

Algonquin, scarlet.

Beautiful Dream, deep pink.

Price: Col. A: 1 bulb of each, \$1.10;

Col. B: 3 bulbs of each, \$2.75, postpaid.

## THRIP CONTROL

The simplest and easiest way to control thrip on your gladiolus planting is to keep the plants well dusted with 5% DDT dust during the growing season. Order your dust along with the bulbs so as to be sure and have it on hand when wanted. Price: 1 lb. sifter top package, 45c, postpaid.

## SEMESAN

To control surface borne diseases on gladioli bulbs such as scab, hard rot, fusarium rot, and insects such as thrip on the bulbs, treat the bulbs with Semesan. Two and one-half ounces will treat a bushel of bulbs. Prices: ⅓ oz., 20c; 2 oz., 45c; 12 oz., \$2.10; 4 lb. package, \$10.10, postpaid.

## FLORALIFE

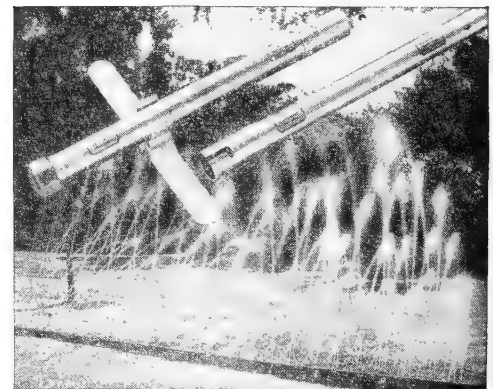
PROLONGS THE LIFE OF CUT FLOWERS

Floralife prolongs the life of the flower by many days. Prevents fading; retards wilting even in warm rooms. It is very simple and easy to use. A 10c package is sufficient for a 2-quart vase or several smaller vases. Splendid to use for flower shows. Price, large pkt., 10c; 3 for 25c, postpaid.

## NATURAIN

This is the last word in a garden and lawn sprayer. It is simple, easy to use, adjustable, and adapted to all sprinkler needs. It will bring April showers in your garden any time of the year.

Naturain is built out of aluminum and stainless steel with no moving parts to wear out. Primary and secondary lengths are five feet long and weigh only twelve ounces each. Each length connects with a twist of the wrist and you can use as many secondary lengths as your water pressure will permit, usually up to thirty feet. The spray can be directed in any desired manner and can be adjusted from a two-inch gentle trickle for tender seedling to a twenty-foot spread. As the Naturain puts water where you want it without overlap it means a saving on your water bill. Start with one to three lengths now and add to your water system later as your garden needs expand. Prices, primary unit with hose connection and cap, \$2.95; secondary extension unit, \$2.75 each, prepaid.



Naturain-Sprinkler.



Picardy.



Algonquin.



Margaret Beaton.

## Dirt-Proof, Washable GARDEN GLOVES



ALL LEATHER and  
DURABLE yet  
SOFT AS KID and  
EASY TO WEAR

Easy Wear gives you  
everything you've been  
wanting in a garden glove:

All-leather protection from dirt, scratches, stains, infection—yet permit almost BARE-HAND FREEDOM. Their amazing softness and pliability is the result of a special processing of select lamb skins. Economical, too—outwear six pairs of ordinary fabric gloves, are washable and can be used the year 'round for gardening, housework, yard, painting, furnace, garage, etc.

Sizes for women (small, medium, large), \$1.25 pair; 2 pair for \$2.35, postpaid.

Sizes for men (small, medium, large), \$1.30 pair; 2 pair for \$2.45, postpaid.

PLEASE NOTE: Color illustrations on this page are from photographed kodachromes taken in the field.

## Seven Superb Gladioli

**PICARDY.** Soft shrimp pink without flecking. Blotch of light flesh pink shading to shrimp pink at edges. Seven to ten flowers open at one time. Well placed on tall, strong spike. Heavy propagator. Each, 10c; 6 for 50c; doz., 90c; 100 for \$7.00, postpaid.

**ALGONQUIN.** Bright glowing scarlet with large, wide, open ruffled blooms. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**MARGARET BEATON.** Early midseason; a rich milky white with a tiny spark of vermillion deep in the throat. Each, 12c; 6 for 70c; doz., \$1.30; 100 for \$8.00, postpaid.

**BADGER BEAUTY.** A gorgeous lavender with a creamy white throat. Fine sturdy grower, flowering in midseason. Long spike, usually containing about seventeen buds. Each, 20c; 3 for 50c; 6 for 95c; doz., \$1.80, postpaid.

**GATE OF HEAVEN.** Very rich pure yellow, beautifully ruffled and of good substance. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**DREAM O' BEAUTY.** A very popular mid-season shade of rose red. Large strong grower, and a fine variety for every garden. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.00, postpaid.

**ROSA VAN LIMA.** Light rose with few lines in the throat. Up to eight or more well placed blooms open on a tall, strong spike. Each, 12c; 6 for 70c; doz., \$1.30; 100 for \$8.00, postpaid.



Badger Beauty.



Rosa Van Lima.

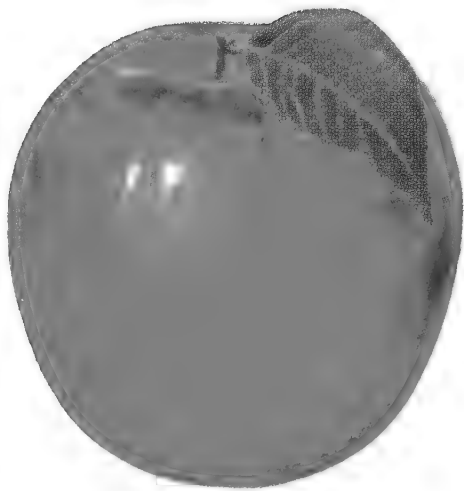


Dream O' Beauty.



Gate of Heaven.



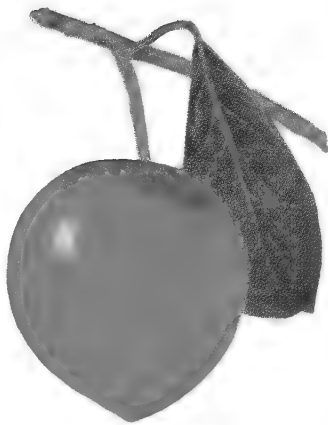


Haralson Apple.

#### HARDY WINTER APPLE.

**HARALSON.** Originated at the Minnesota Fruit Breeding Farm. Tree upright and a vigorous grower. Fruit large, even red, fine grained, tender, juicy sub-acid and fine quality. Keeps until spring. Best winter variety for the North.

Prices: 4 to 5-foot, by express f. o. b. nursery. Each, \$1.75; 3 for \$4.75.



Superior Plum.

#### HARDY PLUM.

**SUPERIOR.** A new outstanding plum for cold climates, which originated in Minnesota. It is an apricot-plum cross. The fruit is of large size often running 2 inches in diameter. Flesh is golden, firm, meaty, and of the finest quality. Fruit ripens over a long period of time and is so firm that it can be peeled like a peach. Often bears the second year planted. It is an enormous producer, bearing annually. A good variety for pollinizing other plums. Trees are strong and long lived. Prices: By express f. o. b. the nursery, 4 to 5-foot trees. Each, \$1.90; 3 for \$5.25; 10 for \$16.00.

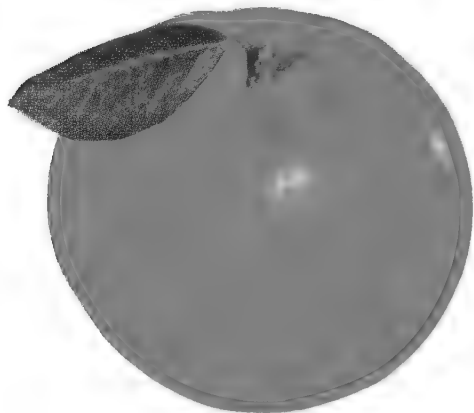


Fireside Apple.

#### HARDY WINTER APPLE.

**FIRESIDE.** (Minnesota No. 993.) A medium to large long-keeping winter apple that was given the rating of the highest quality apple produced by the Minnesota Fruit Breeding Farm. The flesh is crisp, firm, and juicy, and the flavor is rich sub-acid, almost sweet like a Delicious. It does not develop the dry characteristics which most highly flavored apples do at the close of the season. An excellent home orchard variety that is hardy throughout Wisconsin.

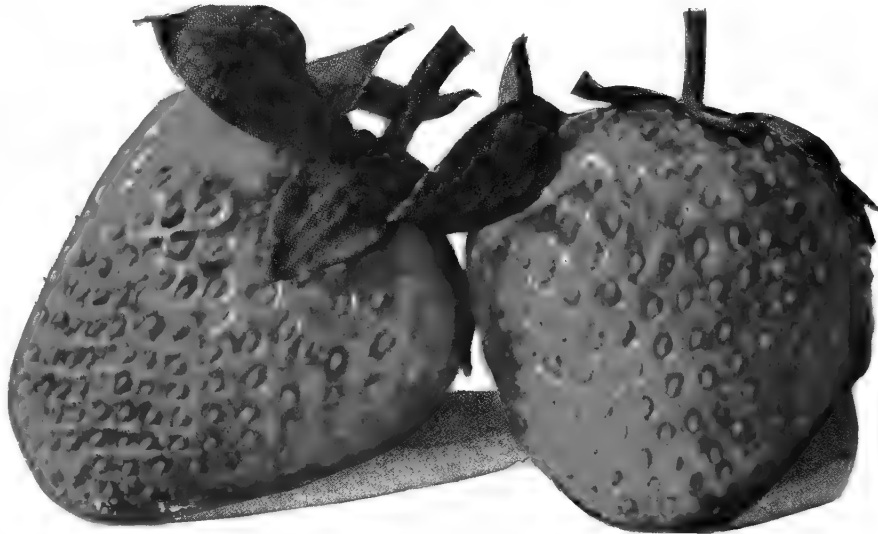
Prices, 4 to 5-foot trees, by express f. o. b. nursery. Each, \$1.75; 3 for \$4.75.



Cortland Apple.

#### HARDY WINTER APPLE.

**CORTLAND.** An improved McIntosh, which originated in Canada. The fruits are larger and more uniform in size. They have much more color and the red is brighter. Flesh firm, juicy, fine flavor. Apples do not drop as readily as McIntosh and are better shippers. Prices: 4 to 5-foot trees by express f. o. b. nursery. Each, \$1.60; 3 for \$4.20.



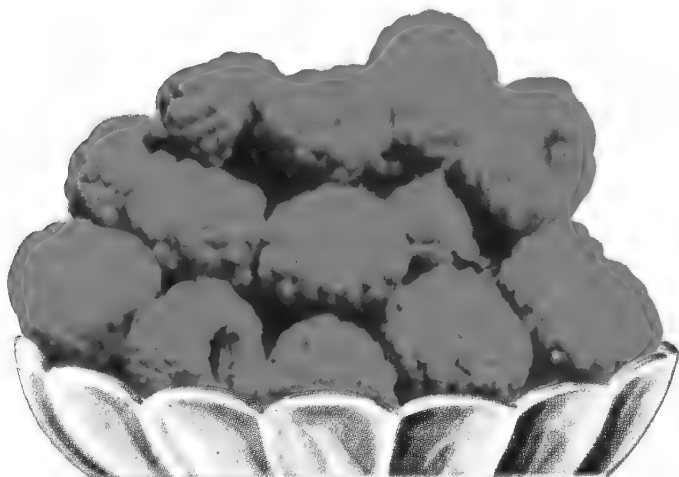
Minnesota No. 1166 Strawberry.

### New Everbearing Strawberry

**MINNESOTA 1166.** With due respect to all other strawberries, Minnesota No. 1166 Everbearing is in our opinion the finest variety ever introduced. The bright glistening red colored berries are delicious, sweet and firm. The plants are heavy producers and strong healthy growers. Begins to bear in 60 to 90 days after planting and continues up until freezing time. They are self-pollinating and set their new runners freely. The large berries are red all the way through, no green tips or spots. Plant Minnesota No. 1166 plants this spring and you will enjoy fresh strawberries from your garden from July until frost. Price: 25 plants, \$1.95; 50 plants, \$3.65; 100 plants, \$6.40; 250 plants, \$14.25, postpaid.

### New Early Raspberry

**SUNRISE.** A new variety of raspberry originated by the U. S. Department of Agriculture in 1923 that was bred for hardiness, resistance to disease, and earliness. It will bear ten days to two weeks ahead of Latham and will bear right on through with Latham. It is quite resistant to anthracnose, leafspot, and spur blight. It is very attractive, bright red in color, turning dark red on ripening. Berries are firm, fine texture, juicy, mild in flavor, and they pick easily. Extend your raspberry season with a planting of Sunrise. Prices, No. 1, two-year stock: 12 for \$3.00; 25 for \$4.50; 50 for \$8.00, postpaid. By express f. o. b. Madison: 100 for \$15.00.



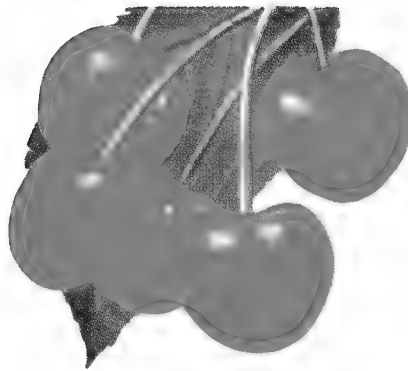
Early Sunrise Raspberry.



Concord Grape

## Hardy Grape

**CONCORD.** The best known, most widely planted blue-black grape in the North. We consider it the most satisfactory variety for home planting. It is extremely hardy, vigorous, and productive, producing large bunches of excellent quality fruit. **Prices:** Strong 2-year-old No. 1 plants, Each, 55c; 3 for \$1.45; 10 for \$4.35, postpaid.



Early Richmond Cherry

## Hardy Cherry

**EARLY RICHMOND.** The most popular early cherry in the North because of its earliness, productiveness, and regularity in bearing. The fruit is dark red, medium to large, and of a sharp and characteristic flavor. Excellent for canning and cooking. **Prices, by express f. o. b. nursery:** 4 to 5-foot trees, well branched. Each, \$2.85; 3 for \$7.75.



Chipman's Red Rhubarb

## New All Red Rhubarb

**No. 398R. CHIPMAN'S RED.** Sweetest and best of all the new red rhubarbs. Bright red all the way through, even up through the leaf ribs. Does not lose its color in cooking. Hardy, vigorous grower. Seldom seeds so it must be propagated by the roots. **Prices, large choice roots:** Each, 50c; 3 for \$1.35; 6 for \$2.50, postpaid.

## New Double Mock Orange

**PHILADELPHUS BOUQUET BLANC.** A hybrid Mock Orange related to the old-fashioned Syringa but the improvement is such that there is very little resemblance. It reaches a height of five to six feet completely covered with pure white double blooms in large clusters. Its delicious fragrance resembles the real orange blossoms and can be detected throughout the entire garden. It is very vigorous and a hardy grower. One of the finest of all lawn shrubs. **Prices:** Each, \$1.25; 3 for \$3.10, postpaid.

## Climber Rose

**PAUL'S SCARLET.** In our estimation the finest red climbing or pillar rose. Flowers are semi-double, vivid scarlet shading crimson and borne in clusters. Blossoms for a long season. **Prices, 2-year-old No. 1 Field Grown:** Each, \$1.60; 3 for \$4.25, postpaid.



Parker Pear

## Hardy Pear

**PARKER.** A variety of pear developed in Minnesota for the colder section of the Northwest. The fruit is medium size, attractive in appearance, and of very high quality. The color is clear yellow with a pink blush. Flesh is tender, medium grained, and juicy. The tree is large, vigorous, and hardy. **Prices, by express f. o. b. nursery:** 4 to 5-foot trees. Each, \$2.75; 3 for \$7.50.



Red Leaf Barberry

## Red Barberry

**RED LEAF BARBERRY.** Habit the same as the well-known green Barberry, but the leaves are a beautiful, deep red. If planted in very sunny position, the color is intense. Plant several among your shrubs to add color. **Prices, 1 to 1½-foot stock:** Each, 90c; 3 for \$2.50, postpaid.



New Double Mock Orange. Bouquet Blanc



Paul's Scarlet Climber Rose

# FLOWERS of EXCEPTIONAL MERIT



Chrysanthemum. Merry Mixture

## Chrysanthemum

914. **MERRY MIXTURE.** H. A. This new strain of single Chrysanthemums or

Painted Daisies we believe will make other strains obsolete. It includes new solid colors not found in the old types as well as the better range of zoned or tri-color flowers. Plants are two and one-half to three feet high, bushy, but upright, bearing the flowers near the top. An easily grown annual requiring little attention. Makes fine cut flowers. Pkt., 20c; 2 pkts., 35c.

## All Double Petunia

1106. **VICTORIA STRAIN, ALL DOUBLE, JAPANESE GROWN.** H. A. The Japanese strain of All Double Petunia is considered superior to all other strains, and we are pleased to again be able to list it. They come practically 100 per cent double or semi-double from seed. The flowers are of many brilliant and intermediate colors. Very large, actually measuring as much as five inches across, and exquisitely ruffled and fringed. The tiny seeds are very difficult to handle, and must be nursed with the greatest of care until started. We recommend this to experienced gardeners only. Pkt., 50c; 2 pkts., 90c.



Petunia, Victoria All Double



Balsam, Double Bush Torch

## Balsam

859. **DOUBLE BUSH TORCH.** H. A. Bush Flowering Balsams differ from the tall growing Balsams in that the flowers are on the tip of the stems, making a showing of color rather than foliage. The plants are 10 to 15 inches high, compact and covered with double rose-like flowers. Torch is a penetrating vermillion red and the showiest of this type. Be sure to include Torch in your flower garden. Pkt., 25c; 2 pkts., 45c.



Sunflower, Sun Gold

## Sunflower

1180. **SUNGOLD.** H. A. Brilliant fully double yellow flowers resembling Chrysanthemums on plants four to five feet high. Blooms in August from seeds planted in late May. They make a beautiful splash of color in the garden. Pkt., 15c; 2 pkts., 25c.



Ipomea, Heavenly Blue

## Ipomea (MORNING GLORY)

1048. **HEAVENLY BLUE.** Clark's Early Strain. H. A. Our favorite Morning Glory. Flowers measure 3 to 4 inches across. Clear blue with white throat. Plant on poor soil for best results. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 40c.

## Fantasy Zinnia

1348. **MELODY.** H. A. The Fantasy type of Zinnia has shaggy and informal flowers with an airy and graceful appearance not found in the other types. As a cut flower, it is ideal. This new color, a striking and distinct vivid lavender, is unusual. The blossoms are medium size and plants grow about two to three feet in height. Pkt., 15c; 2 pkts., 25c.



Aster, W. R. Princess Bonnie

## Aster

812. **PRINCESS WILT RESISTANT BONNIE.** H. A. (Wilt Resistant.) The

branching plants grow from two to two and one-half feet tall and bear large quantities of three and one-half inch flowers on good, strong stems. The flowers have full deep crested centers surrounded with several rows of dainty plume-like guard petals. Pkt., 20c; 2 pkts., 35c.



Improved Mixed Scabiosa

## Scabiosa

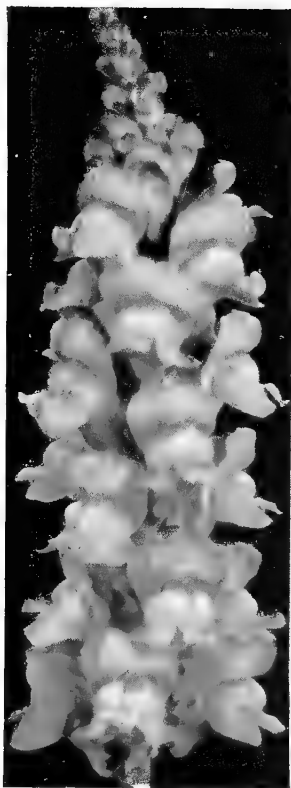
1155. **IMPROVED CHOICE MIXED.** H. A. The size of the

blooms and the lengths of the strong wiry stems have been greatly increased in this strain. Plants grow about three feet high. The colors in our mixture are outstanding. Easy to grow and should be in every cut-flower garden. Pkt., 10c; 2 pkts., 15c.



Zinnia Fantasy, Melody





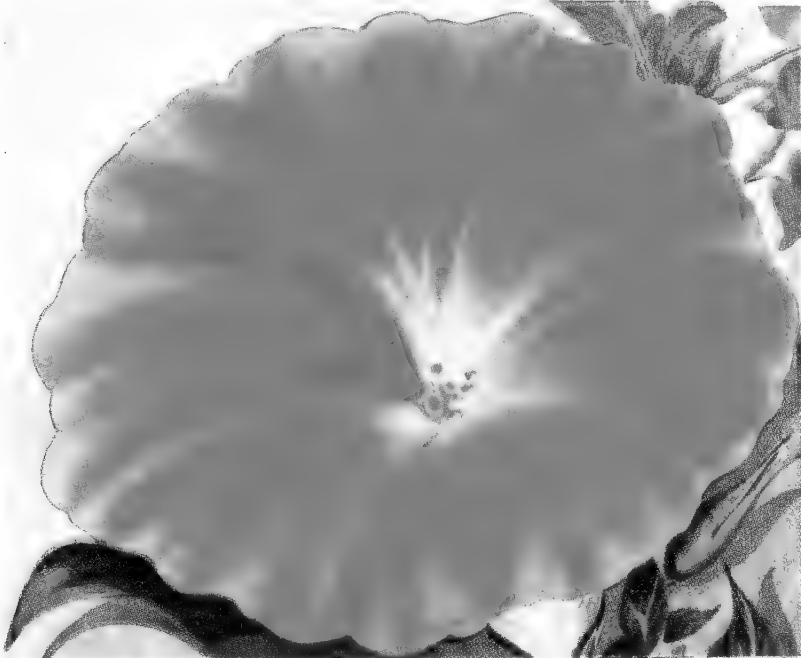
Antirrhinum, Rosalie  
(Rust-Resistant)

## Antirrhinum (SNAPDRAGON)

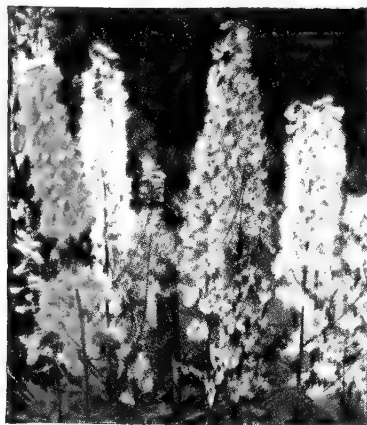
**839. ROSALIE.** H. A. A showy color in Antirrhinums. It is a rich deep rose with an underlying tone of topaz or amber, giving it a richness which makes it stand out conspicuously among all other colors. As the tube and lips are the same color, the depth and richness of the flower are intensified. Flowers are base branching, producing from six to eight long flowering spikes on which the florets are decidedly well arranged. This all-purpose snapdragon should be in every garden. **Pkt., 15c; 2 pkts., 25c.**

## Morning Glory

**1049. SCARLETT O'HARA.** H. A. Flowers average about four inches in diameter of a dark wine-red or deep rosy-crimson. They start blooming within 65 days after seed is sown. Flowers are a lovely blaze of color during the morning, and until well in the afternoon, remaining open practically all day on cloudy or dull days. As is true of all Morning Glories, Scarlett O'Hara should be planted on rather poor soil. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 75c.**



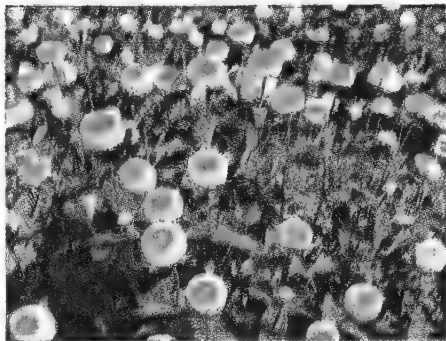
Morning Glory, Scarlett O'Hara



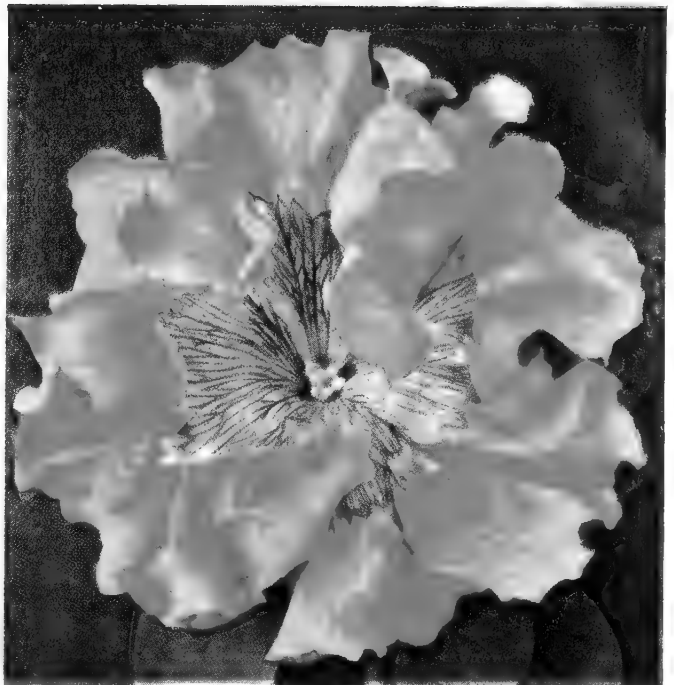
Larkspur, Giant Imperial Mixed

**Larkspur 1015. TALL GIANT IMPERIAL MIXED.** H. A. This strain is ideal for cut flowers as the flower stems, 3 to 4 feet long, branch from the base. Shades of blue, pink and white. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.**

**Lilliput Zinnia 1349. DAINTY GEM.** H. A. A Lilliput or Dwarf Zinnia. Fascinating bicolor red button-like flowers on wiry stems. Just the right length for bouquets. The neat, compact round blossoms, 1 1/2 inches in diameter, are bright rose in the center and flesh pink on the lower outside petals. No up-to-the-minute garden is complete without it. **Pkt., 15c; 2 pkts., 25c.**

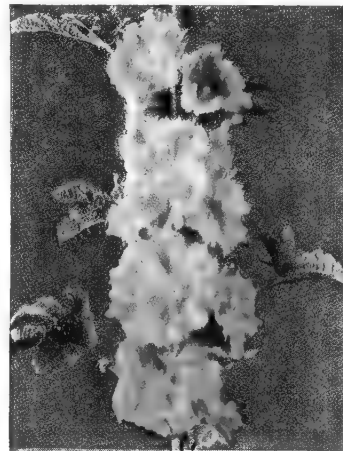


Zinnia Lilliput, Dainty Gem



Petunia, Supreme California Giants

**Petunia 1100. SUPREME CALIFORNIA GIANTS, MIXED.** H. A. The flowers are in shades of pink, rose and salmon-rose; all with light, richly veined throats and many of them striped and combining two or more rose shades in one bloom. The blooms are unbelievably large, five to seven inches in diameter, with shallow open throats surrounded by satiny petals which are so heavily ruffled that in the young flowers they are easily mistaken for doubles. Flowers are freely produced on 1 1/2 to 2-foot plants. Especially fine for pots or window boxes. Start seed with greatest of care in flats. Recommended to experienced gardeners only. **Pkt., 30c; 2 pkts., 50c.**



Hollyhock, Indian Spring.

## Hollyhock

**1008. INDIAN SPRING.** H. A. Several years ago Holland sent us the new annual Hollyhock that will bloom in sixteen weeks from seed. We recommend sowing the seed in flats, transplanting in six weeks to the open ground, where it will flower in about ten weeks. Individual flowers measure about five inches in diameter. The semi-double flowers range in color from a pale pink to crimson. Height, four to six feet. A most attractive annual and should prove very popular in our American gardens. **Pkt., 15c; 2 pkts., 25c.**

## Cosmos

**927. RADIANCE.** H. A. Winner of the Silver Medal, the highest award in the 1948 All America trials. It is the first bicolor Cosmos to be developed. Striking deep rose and rich crimson. Similar in plant growth to the Sensation type, although its parents were imported from India some 12 years ago. Blossoms are richer, more erect, and have longer stems than the other types. Will keep well when cut in the bud. A must in every up-to-date flower garden. **Pkt., 15c; 2 pkts., 25c.**

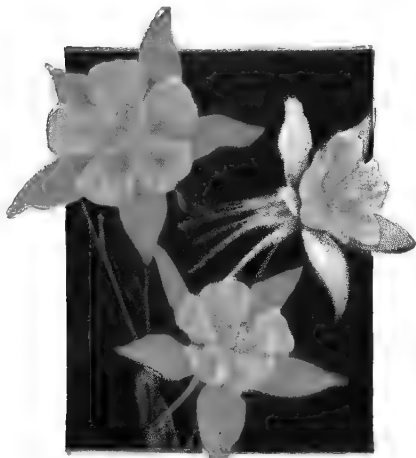
## Dahlia

**935. DWARF HYBRIDS, MIXED.** H. A. Dahlias can be easily grown from seed so as to bloom the first year. See front cover for illustration of a field planting. Plant in a box in the house in April and transplant. The dwarf, small flowering type is becoming increasingly popular as a border or pot garden subject. It is also an excellent bedding plant. **Pkt., 15c; 2 pkts., 25c.**



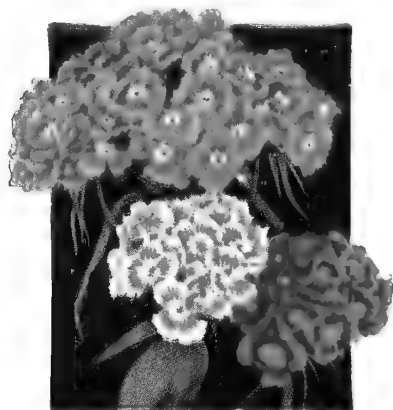
Dahlia Dwarf Hybrids, Mixed

H. A. means Hardy Annual.  
H. P. means Hardy Perennial.



Aquilegia, Long Spurred

**Aquilegia** 845. **MRS. SCOTT ELLIOTT'S LONG SPURRED STRAIN.** H. P. (Columbine.) A popular perennial. Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers. **Pkt., 20c; 2 pkts., 35c.**



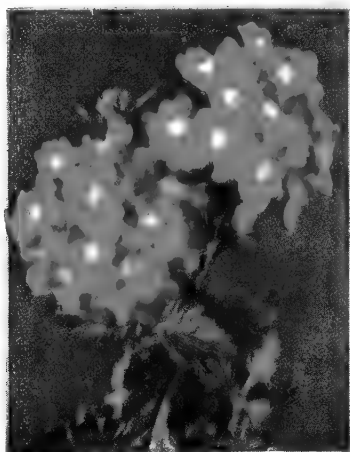
Sweet William

## Sweet William

1300. (Dianthus Barbatus.) H. P. **Mixed.** Perennial plants growing 18 to 24 inches high. They make excellent border plants and are also fine for bouquets. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 75c; oz., \$1.30.**

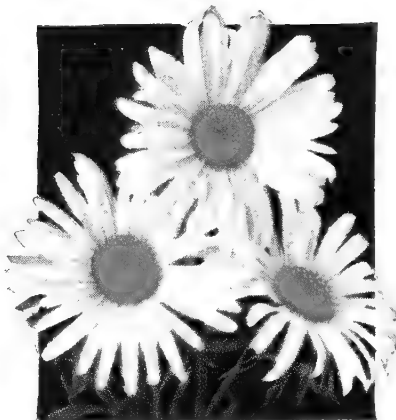
## Verbena

1306 1/2. **BRIGHTNESS.** H. A. Verbenas have always been popular in the northern gardens. They remain in bloom long after the first early frost, extending the flowering season until heavy killing frost. As the name implies, this variety is particularly showy and attractive. The color, a bright rose-cerise, boldly contrasts with the large white eye. Individual florets average nearly an inch in diameter, while the flowering heads measure 2 1/2 to nearly 3 inches across. The plants are semi-compact in habit with a spread of from 15 to 18 inches, making an excellent variety for border or edging use. **Pkt., 15c; 2 pkts., 25c.**



Verbena, Hybrida Grandiflora Brightness

Grow  
your  
plants  
in  
Vita  
Bands.  
See  
page  
75.



Shasta Daisy, Alaska

## Shasta Daisy

944. **GIANT ALASKA.** H. P. A splendid, hardy perennial producing on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. **Pkt., 15c; 2 pkts., 25c.**



Poppy, Red Oriental

## Oriental Poppy

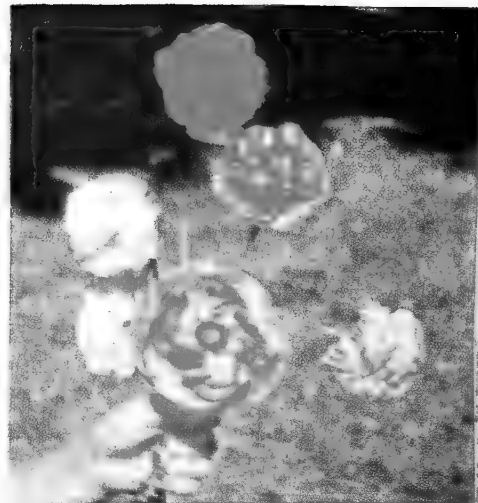
1128 1/2. **RED ORIENTAL.** H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. Transplant seedlings in August to permanent place in the garden. **Pkt., 15c; 2 pkts., 25c.**



Petunia, Radiance

## Petunia

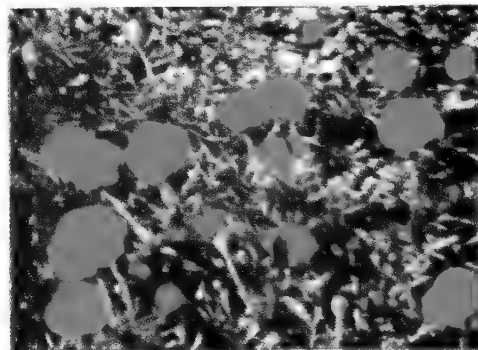
1085. **RADIANCE.** H. A. Radiance received a 1940 silver medal in the All-America awards. It is a rich, brilliant cerise-rose with enough underlying salmon to remove the harshness commonly found in a cerise-rose variety. The throat is a golden yellow below where the bloom starts to flare which adds much life to the Petunia. It is decidedly free flowering throughout the season. The blooms measure 2 1/2 to 3 inches in diameter. **Pkt., 20c; 2 pkts., 35c.**



Poppy, All Double Shirley

## Shirley Poppy

1123. **ALL DOUBLE MIXED SHIRLEY.** H. A. The bushy plants grow about 28 inches in height and flower early in the summer with the richest display of color imaginable. Scarlet, carmine, crimson, dark and light pink, salmon shades, white, pink and white edged, scarlet on white ground, and pink on white ground, as well as a bright cerise color. There are over 100 various color combinations in our growing this season. The airy-silky sheen of Shirley Poppies is particular to all shades. Formerly the best results obtained with the beautiful Ranunculi flowered Poppies were 70 to 80 per cent double. This strain that we offer comes practically 100 per cent double from seed. One of our specialties. **Pkt., 10c; 1/2 oz., 45c; oz., 80c.**



Marigold, Spry

## Marigold

1036. **SPRY.** H. A. The French harmony type Marigold with their crested centers are becoming more popular each year and Spry, the Silver Medal All America award winner of 1941, is one of the best in its class. The dwarf plant grows six to eight inches in height and fairly bristles with golden yellow flowers bordered with mahogany. **Pkt., 20c; 2 pkts., 35c.**



Cynoglossum, Dwarf Firmament

## Cynoglossum

### CHINESE FORGET-ME-NOT

937. **DWARF COMPACTUM FIRMAMENT.** H. A. Better appearing and produces more flowers than the taller type. Plants are sixteen inches in height, strong and erect. A flower that blooms all summer until freezing even on poor soils. The Forget-me-not-like blooms are a vivid blue and will harmonize well with all colors. **Pkt., 15c; 2 pkts., 25c.**



Larkspur, Los Angeles

## Larkspur

**1018. LOS ANGELES.** H. A. Several years ago we introduced to the trade a new strain of Double Stock Flowering Larkspur of which Los Angeles in our opinion was the most beautiful. It is an excellent subject in the garden and very showy and combines well with other flowers in bouquets. In this variety we have a rich salmon overlaid with a brilliant and pleasing rose. The foliage is a dark green making the large double flowers stand out very prominently. The flowers show up exceedingly beautiful under artificial light. Plants grow about two to two and one-half feet in height on good stiff stems. If you have planted this variety before, we are sure that you will plant it again. However, if you have not grown this beautiful flower, we urge you to be sure to include it in your flower garden. **Pkt., 15c; 2 pkts., 25c.**

## NATURAIN

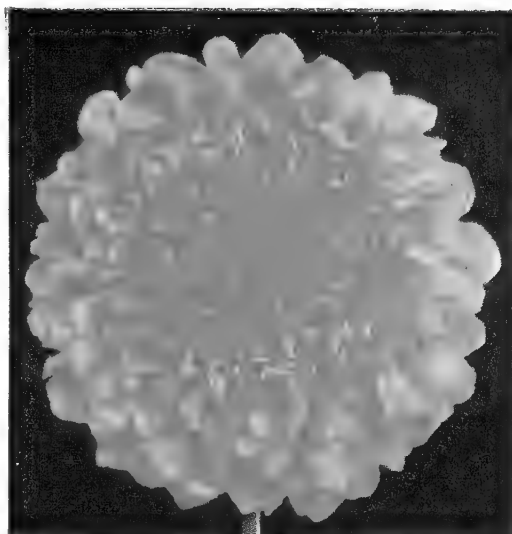
The new irrigation unit that every gardener should have. See page 36.

## Pansy

**1076. ENGELMANN'S GIANTS.** H. H. P. Of all the strains of Pansies on the market today, we believe that Mr. Carl Engelmann of England has produced the very finest strain of all. Mr. Engelmann has won outstanding awards and medals at the great spring show at Chelsea each year on his strains of Pansies. The seed that we offer is imported from the originator. This strain is a very vigorous growing, compact and early flowering type, and contains a great variety of shades both dark and light, all of the blotched type with very huge, well formed blossoms. The blend of colors is too difficult to describe in words and we refer you to the illustration shown below. We highly recommend this strain of Pansies. Start seed indoors in flats early in February for early spring blooms. **Pkt., 35c; 2 pkts., 65c; 1/16 oz., \$1.25; 1/8 oz., \$2.25; 1/4 oz., \$4.25; 1/2 oz., \$8.00; oz., \$15.00.**



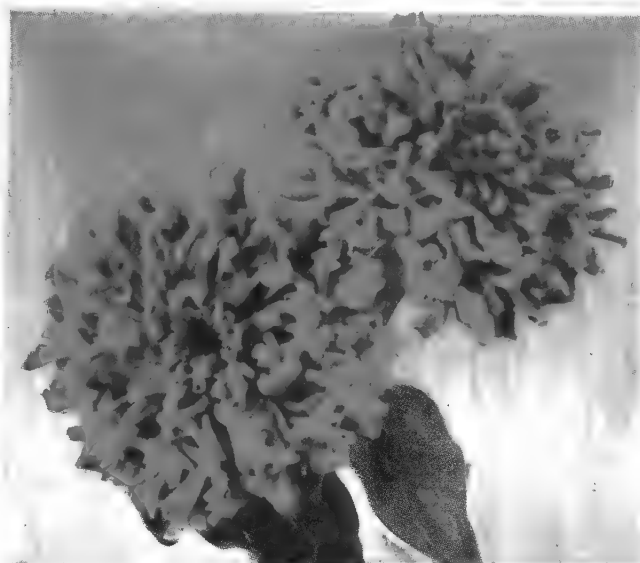
Pansy, Engelmann's Giant



Scabiosa, Rosette

## Scabiosa

**1158. ROSETTE.** H. A. This is the result of many years' selection and painstaking care by plant breeders. Rosette is a beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. It is a most popular flower for the garden and also for the florist for cutting. **Pkt., 15c; 2 pkts., 25c.**



Zinnia, Fantasy Wildfire

## Zinnia

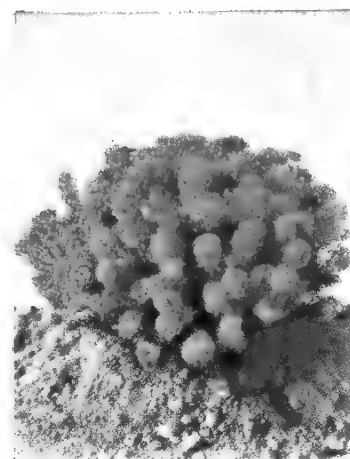
**1332. WILDFIRE.** H. A. Wildfire adds a distinct note of color and cheerfulness to the garden and will enliven any home when used in flower arrangements. The plants are from 2 1/2 to 3 feet in height, are neat in habit, strong growing and very free blooming, coming into flower 45 to 50 days after seed is sown. The rich dazzling scarlet of this fantasy variety will attract attention wherever grown. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 55c; oz., 90c.**



Dianthus, Sweet Wivelsfield

## Dianthus

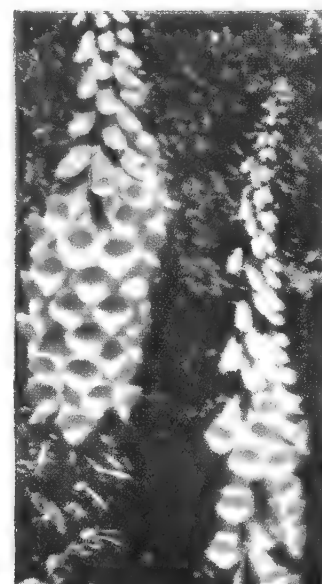
**954. SWEET WIVELSFIELD.** H. A. A cross between the hardy Pink and the Sweet William. Flowers are over three inches in diameter and are borne profusely. Colors include pink, rose, white and many marked with contrasting shades. Some are honey-scented. **Pkt., 10c; 2 pkts., 15c.**



Alyssum, Violet Queen

## Alyssum

**830. VIOLET QUEEN.** H. A. Plants are dwarf, compact, neat in habits, free flowering, and the small sweetly scented flowers are a very rich deep shade of violet. You will certainly want some of this beautiful edging plant in your garden. **Pkt., 15c; 2 pkts., 25c; 1/2 oz., 90c; oz., \$1.50.**



Digitalis, Giant Shirley

## Digitalis

**958. H. B. (Foxglove.) Giant Shirley Mixed.** Handsome spires of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. This biennial should be planted in late summer for next season or for the same season very early indoors. **Pkt., 15c; 2 pkts., 25c.**

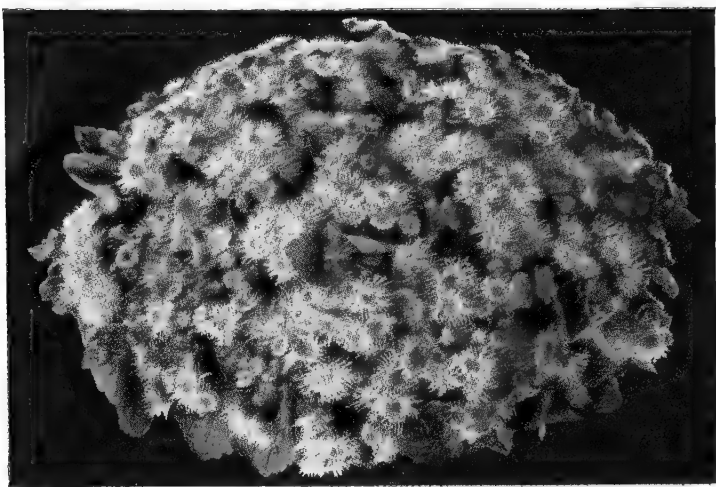
## Cleome

**918. GIANT PINK QUEEN.** H. A. An annual flower easily grown from seed that blooms abundantly from summer until late fall. This distinct variety has huge trusses of bright salmon pink on plants averaging three feet in height that are vigorous and bushy. It is ideal for tall borders or along driveways. **Pkt., 15c; 2 pkts., 25c.**



Cleome, Pink Queen





Ageratum, Midget Blue

## Ageratum

**827. MIDGET BLUE.** H. A. It has been quite difficult to produce dwarf Ageratums true to name from seed. However, we are pleased to offer Ageratum Midget Blue which will come practically true to form and color from seed. The plants are very dwarf, not over two to three inches in height and smothered with small true Ageratum blue flowers. The foliage is delicate and fine. **Pkt., 25c; 2 pkts., 45c.**

## Ipomea

**1045. BLUE STAR.** H. A. A 1949 All America winner. Larger and earlier than Heavenly Blue. Averaging four to four and one-half inches in diameter and borne in great profusion. This new clear sky blue Ipomea or Morning Glory is accentuated by five deeper blue mid-ribs to form an attractive star. See page 52 for illustration. **Pkt., 25c; 2 pkts., 45c.**



Marigold, Dwarf Harmony Hybrids, Mixed

## Marigold

**1037. DOUBLE HARMONY HYBRIDS, MIXED.** H. A. Compact plants are from twelve to fourteen inches in height, 100 per cent double, and flowering commences about two and one-half months after seed is sown. The flowers are of medium size, rather large for the French type, averaging one and three-fourths inches in diameter. They do not have the strong Marigold odor. The color range includes the popular Harmony, a lovely golden-orange shade, distinct golden-yellow, and innumerable blotched and striped combinations of golden-orange with maroon and various shades of gold and lemon-yellow with contrasting dark maroon. Flowers have the familiar crested center flanked with several rows of broad dark petals. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 30c.**

## Nierembergia

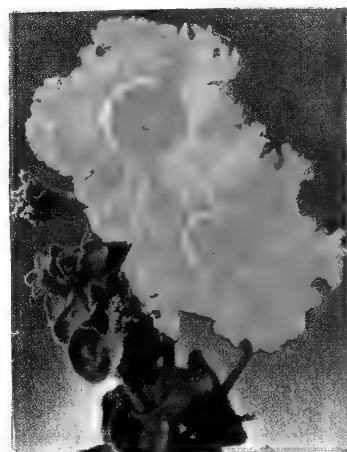
**1069. HIPPOMANICA (Dwarf Cup Flower).** T. P. While in the South it is a hardy perennial, it must be grown here in the North as an annual. It is one of the most prolific flowering plants that we know of. It starts to flower when the plants are only two inches tall, or about fifteen weeks after the seed has been sown, and keeps right on until heavy frosts. The plant at all times is neat and compact appearing, the new flowers covering the older flowers and seed pods. The lavender-blue flowers enriched by a touch of yellow in the center are most charming. Plants are very dwarf, compact, and not over six inches high with a spread of ten inches. Foliage is light gray green. Recommended for an edging or border plant. Very beautiful in window boxes or flower pots. Seed slow to germinate and should be carefully started early in flats. **Pkt., 20c; 2 pkts., 35c.**



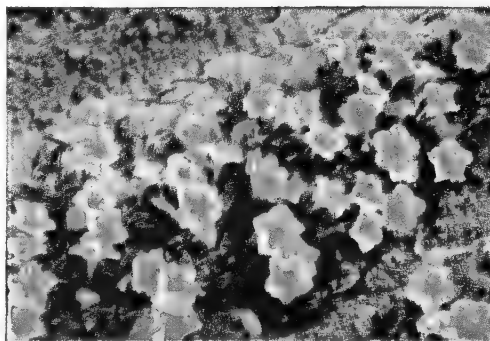
Marigold, Mission Giant-Goldsmith

## Marigold

**1035 1/2. MISSION GIANT-GOLDSMITH.** H. A. Mission Giant is a new strain of Marigold of medium height with giant Chrysanthemum blooms. They are base branching, producing from eight to twelve stems of excellent cutting length. The laterals or side branches produce just as large, if not larger blooms, than the center stems. It is very early, coming into bloom fully two weeks ahead of the ordinary Sunshine types. The ball-shaped blooms measure from four to five inches in diameter and resemble giant incurved Chrysanthemums. Goldsmith is a rich golden orange which makes a brilliant display in the garden. **Pkt., 15c; 2 pkts., 25c.**



Petunia, Grandiflora Single Fringed Theodosia



Petunia, Cream Star

## Petunia

**1098. CREAM STAR.** H. A. A fine soft pastel cream Petunia for the garden. Light cream at the edges with the throat darkening to a bright golden yellow. The small star-like blossoms are five pointed and produced in enormous quantities on a dwarf bushy plant of uniform growth. An excellent border or edging plant as well as ideal for bedding. **Pkt., 15c; 2 pkts., 25c; 1/8 oz., \$1.00.**

"I have sent for your seeds every year and I find they are the best seeds I have ever planted. Every one is just grand yielders and so good tasting. My family just raves about your beans, lettuce and corn, not to mention the other vegetables. So won't you please send them quick as you can?"

—Mrs. James Sellman,  
Pennsylvania

## Bush Type Verbenas

**1317. STARLIGHT.** H. A. A new type of Verbena of special value to the home gardener. The broad, flat topped, bushy plants are about eight to ten inches high and twelve to fifteen inches across, with the flower heads practically touching each other. Flowers are a bright mid-blue with a creamy white eye. See page 55 for illustration. **Pkt., 20c; 2 pkts., 35c.**

**1318. SALMON QUEEN.** H. A. Plant habit is the same as the Starlight, but the flowers are a pleasing shade of bright salmon pink. **Pkt., 20c; 2 pkts., 35c.**

## Petunia

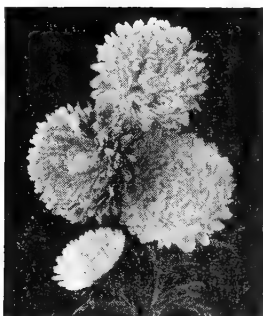
**1086. THEODOSIA, Improved (Grandiflora Single Fringed).** H. A. Large fringed rosy pink with clearly defined golden center with minute stripes. Start seed with utmost care in flats. **Pkt., 25c; 2 pkts., 45c.**



Nierembergia, Hippomanica

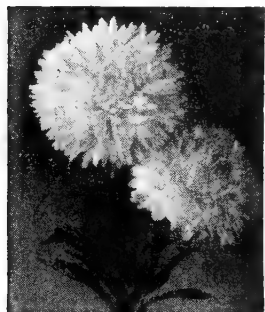
# OLDS' CHOICE ANNUAL FLOWER SEEDS

## OLDS' ASTERS



Giant Branching Aster.

802½. Giant Branching. H. A. (Wilt Resistant.) Mixed. One of the finest of all asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy flowers. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.



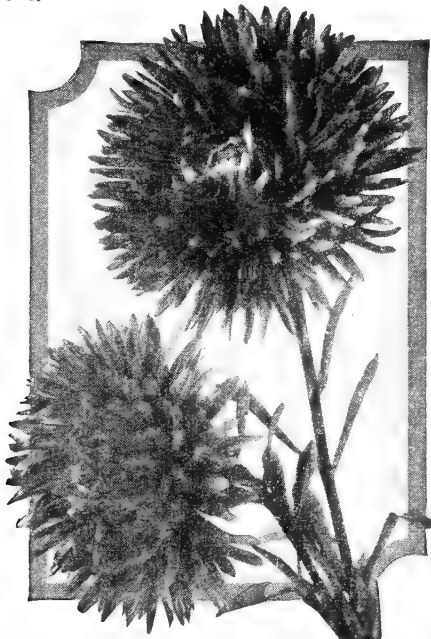
Royal Mixed Aster.

802. Giant Comet Mixed. H. A. (Wilt Resistant.) Immense feathery double flowers, resembling chrysanthemums. Plants are non-branching. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 65c; oz., \$1.10.

807. Giant Crimson. H. A. (Wilt Resistant.) (Branching.) A variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 10c; 2 pkts., 15c.

809. Giant Purple. H. A. (Wilt Resistant.) (Branching.) A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c; 2 pkts., 15c.

812. Bonnie. (Princess.) H. A. A new cutting type of wilt resistant Aster. Beautiful salmon rose. See page 40 for color illustration and description. Pkt., 20c; 2 pkts., 35c.

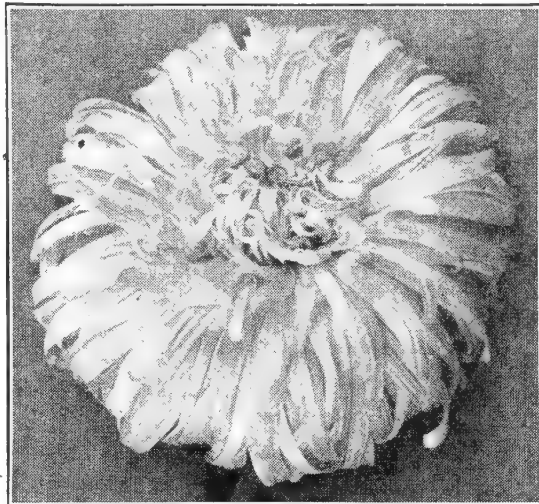


Heart of France Aster.

805. Heart of France. (Wilt Resistant.) H. A. The best pure red aster ever introduced; flowers large and full, purest ruby. Pkt., 15c; 2 pkts., 25c.

800. Finest Mixed Wilt Resistant. H. A. This is a mixture of Wilt-Resistant varieties of asters. By planting this strain asters can be grown on soil that has had to be abandoned on account of wilt. There are, however, two types of aster disease, Aster Wilt and Aster Yellows. Wilt can be controlled by planting Wilt-Resistant varieties but the Yellows cannot be controlled by planting Wilt-Resistant seed as the Yellows are caused by an insect. This mixture contains the very best varieties, large flowers, bright colors in splendid assortment. Pkt., 10c; 2 pkts., 15c; ¼ oz., 35c; ½ oz., 50c; oz., 80c.

800½. Royal Mixed. (Wilt Resistant.) (Early Flowering.) H. A. A strain of American aster, growing about 2 feet high. Very large double flowers with distinctly incurved petals. Recommended for the northern states. Pkt., 10c; 2 pkts., 15c; ¼ oz., 35c; ½ oz., 50c; oz., 80c.



California Giant Double Mixed Aster.

817. California Giant Double Mixed. H. A. A combination of the sturdy habit of growth and long stems of the Beauty type of asters with the well known Ostrich Feather type of large, graceful flowers. Three feet high. The colors are: white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 15c; 2 pkts., 25c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.80.

803. Red Sensation. H. A. (Wilt Resistant.) This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 10c; 2 pkts., 15c.

804. Giant White. H. A. (Wilt Resistant.) (Branching.) One of the best white asters. Four inches in diameter. Pkt., 10c; 2 pkts., 15c.

805½. Giant Shell Pink. H. A. (Wilt Resistant.) (Branching.) The best clear light pink. Large flowers, graceful in form. Pkt., 10c; 2 pkts., 15c.

806. White Ostrich Plume. H. A. (Wilt Resistant.) Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness. Very suitable for cut flowers. Pkt., 10c; 2 pkts., 15c.

### WILT RESISTANT ASTER COLLECTION

5 packets, 35c, postpaid.

813C. An excellent assortment of Wilt Resistant Asters that will provide a wealth of cut flowers in the Fall when flowers are in short supply. The collection consists of 1 packet each of the following: Red Sensation, Giant White, Giant Branching Shell Pink, Giant Blue and Giant Purple. Price, 35c.

### HOW TO PLANT FLOWER SEEDS

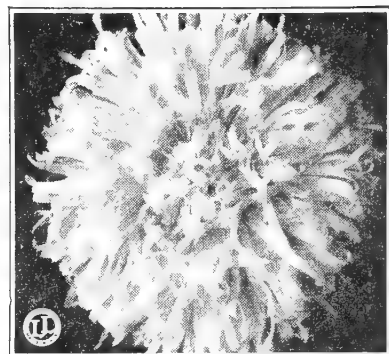
Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suitable to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of Vigoro. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding.

ALL FLOWER SEED PRICES ARE POSTPAID PRICES.

### PLEASE NOTE.

The meaning of the initial preceding each variety is as follows:

A. indicates an Annual; these grow, bloom and die the first year. B. indicates a Biennial; these grow the first year and bloom and die the next. Usually self seed. P. indicates a Perennial; these grow the first year, bloom the second and thereafter. H. indicates a Hardy Plant. H. H. indicates a Half-Hardy Plant. T. indicates a Tender Plant. Thus H. H. A. would mean Half-Hardy Annual, and T. P. a Tender Perennial.

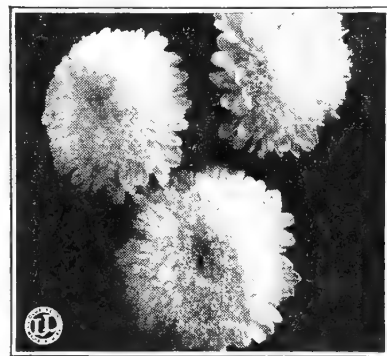


Super Giant Los Angeles Aster.

811. Super Giant Los Angeles. H. A. This is the largest and most fully double aster known. The flowers are from 6 to 8 inches across, full petaled and artistically graceful in the feathery effect of the interlacing ostrich type petals. The color is soft shell pink blending to creamy pink in the center. Plants about 3 feet in height with 6 to 8 long lateral stems on a plant. This is not a wilt-resistant variety. Pkt., 15c; 2 pkts., 25c.

808. Giant Blue. H. A. (Branching.) (Wilt Resistant.) Almost a pure lavender shade approaching an azure blue. Pkt., 10c; 2 pkts., 15c.

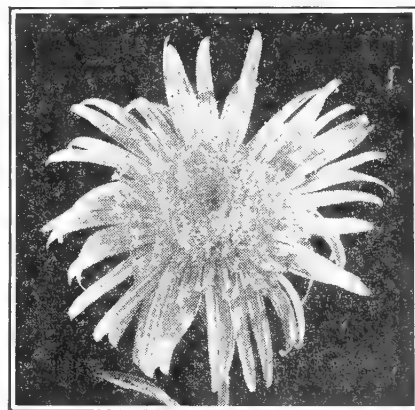
"Our garden is strictly 'Olds'; has been for ten years. It's a pleasure to deal with you."  
—Mrs. Leslie Moffett,  
Wisconsin.



Golden Sheaf Aster.

810. Golden Sheaf. H. A. (Wilt Resistant.) An Aurora aster. Centers are quilled and outer petals broad. This is the deepest yellow aster yet introduced and the only one that is wilt-resistant. The flowers are fully double, attractive crest-like centers of good substance and fine depth petals. The flowers last well when cut and are excellent shippers. Height, 2 feet. Pkt., 15c; 2 pkts., 25c.

815. California Giant Sunshine Mixed. H. A. An Anemone-flowered type of Aster. The flowers have a raised center with the outside petals of a contrasting color, measuring 4 to 6 inches across. Without doubt one of the finest varieties for cutting on our entire list, and it is also the most resistant to disease. Our strain has extra long stiff stems. The beauty of this flower can hardly be described in words. Pkt., 15c; 2 pkts., 25c.



California Giant Sunshine Aster.

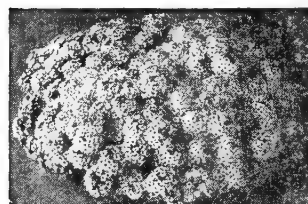


Blue Ball Ageratum.

825. **AGERATUM. Blue Ball.** H. A. Plants are compact, standing about four inches high. The broad green foliage is almost completely smothered over a long blooming period with flowers of richest blue shades. Fine for edgings. Pkt., 15c; 2 pkts., 25c.

827. **AGERATUM. Midget Blue.** H. A. The plants are very dwarf, not over two to three inches in height and smothered with small true Ageratum blue flowers. The foliage is delicate and fine. See page 44 for color illustration. Pkt., 25c; 2 pkts., 45c.

826. **AGERATUM. Fairy Pink.** H. A. This dwarf, compact, soft salmon-pink Ageratum is a fine pot plant. It begins to bloom when not more than 1½ to 2 inches high and continues to bloom until it forms a solid, compact mass of blossoms. Plants when fully grown are not more than five inches in height. See inside back cover for color illustration. Pkt., 20c; 2 pkts., 35c.



Little Gem Sweet Alyssum.

830. **ALYSSUM. SWEET.** H. A. Violet Queen. Our new, deep Violet Alyssum. For color illustration and description see page 43. Pkt., 15c; 2 pkts., 25c; ½ oz., 90c; oz., \$1.50.

831. **ALYSSUM. SWEET.** H. A. (Compactum Erectum.) Little Gem. Carpet of snow. One of the finest dwarf annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c.



Aurora Amaranthus.

823. **AMORANTHUS. Aurora.** H. A. Beautiful ornamental plants three feet high. Produces the best colors in hot sunny locations. The head of the plant is bright carmine shading to red, yellow and dark green. Note illustration. The lighter shade is the part of the plant appearing red. Pkt., 10c; 2 pkts., 15c.



Dwarf Jubilee Gem Bachelor's-Button.

#### OLDS' BACHELOR'S-BUTTON

857. **Jubilee Gem.** H. A. Foliage is distinct from all other sorts forming a tufted mat of vivid green contrasting with the dark but striking double blue flowers. The plant grows about one foot high. This should be everyone's flower. Easy to grow, adaptable for any purpose to which a plant can be put, and a fine cut flower. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

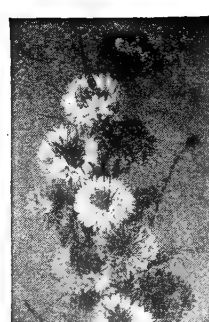
855. **Mixed.** H. A. (Centaurea Cyanus.) (Corn Flower, Blue Bottle, Ragged Sailor, etc.) Although not a pretentious plant, Bachelor's-Button is one of the popular, hardy, old-fashioned annuals. Pkt., 5c.

856. **Blue Shades.** H. A. Fine for a blue garden. Pkt., 10c; 2 pkts., 15c.

861. **BARTONIA. Aurea.** H. A. We think you will like this lovely large golden yellow flower which glistens like satin in the sunshine. The plant grows two feet high and prefers a dry sunny location. Note illustration. Pkt., 10c; 2 pkts., 15c.

862½. **BROWALLIA ELATA. Mixed.** H. A. Vigorous blooming bedding plant covered during summer and autumn with flowers of rare shades of blue and white. Grows freely in any rich soil. Flowers have long stems making them excellent for cutting. Pkt., 20c; 2 pkts., 35c.

821. **ANCHUSA. Blue Bird.** H. A. Anchusa resembles a large forget-me-not. Blue Bird grows about 18 inches high, bearing flowers in a luxuriant bouquet at the top of the plant. The indigo blue forms a brilliant effect in any scheme for decoration of beds and borders. Blooms continuously throughout the summer. Pkt., 10c; 2 pkts., 15c.



Bachelor's-Button.

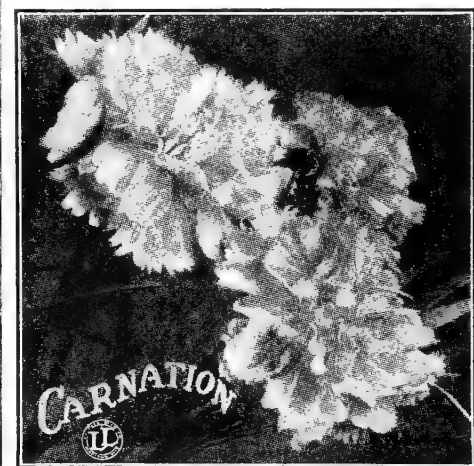


Balsam.

860. **BALSAM. H. A. (Lady Slipper or Poor Man's Orchid.) Camellia Mixed.** Produces its gorgeous masses of brilliant colored flowers in great profusion in the axils of the leaves. Pkt., 10c; 2 pkts., 15c; ½ oz., 55c.

859. **BALSAM. Double Bush Torch.** H. A. A beautiful red flowering Balsam of the bush type that has the flowers on the tips of the stem. See page 40 for color illustration. Pkt., 25c; 2 pkts., 45c.

859½. **BALSAM. Double Bush Flowering, Mixed.** H. A. The mixed colors are very fine for bedding and border planting. Plants are a trifle larger than the Torch, measuring about 12 to 16 inches. The flowers are fully double and appear at the tips of the stalky bushy plants. Pkt., 10c; 2 pkts., 15c.



Note. **CARNATIONS** while perennials are not hardy in the north and should be treated as annuals.

900. **CARNATION. H. H. P. New Double Chabaud's Giant Mixed.** (Improved Strain.) Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 15c; 2 pkts., 25c.

901. **CARNATION. H. H. P. Yellow Marie Chabaud.** A unique color in carnations. Seed will produce about 75% true. Pkt., 15c; 2 pkts., 25c.

875. **CALLOPSIS. H. A. Fine Mixed.** Showy, yellow flowers that thrive anywhere, some with base of petals of deep maroon. Blooms all summer. Pkt., 10c; 2 pkts., 15c.

922. **COLEUS. Rainbow Mixture.** H. A. Very handsome and decorative plants with foliage of brilliant varied colors. Combinations are remarkably rich and fantastic. Plant in full sun to bring out the color. Pkt., 25c; 2 pkts., 45c.



Blue Bird Anchusa.



Bartonia Aurea.



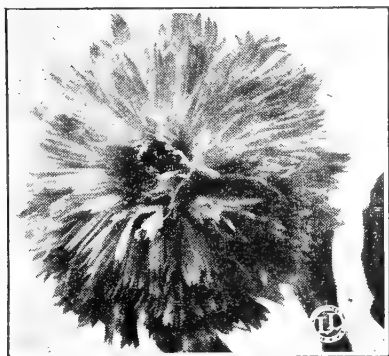
## OLDS' CALENDULAS



Trial Ground Mixed Calendula.

867. **TRIAL GROUND MIXED.** H. A. Grown from a formula made up of new varieties which have been specially selected for heat resistance and size. In this blend you will find many unusually fine two-tone colors. This is an outstanding blend of Calendulas. Pkt., 10c; 2 pkts., 15c.

864. **CHRYSANTHA.** H. A. The large Chrysanthemum-shaped flowers measuring four inches across are a clear buttercup yellow with long, loosely arranged drooping petals. Besides adding a splash of beautiful yellow color to your garden this Calendula also makes a fine cut flower. Its stems are long and stiff and the flowers keep well in water. Pkt., 10c; 2 pkts., 15c.



Shaggy Calendula.

863. **SHAGGY.** H. A. A lacinated petalled type. The color is a deep orange shading to slightly lighter orange in the center giving the flower a delightful two-toned effect. Plants about 18 inches tall. Exceedingly graceful and especially desirable for the garden. Pkt., 10c; 2 pkts., 15c.

868. **CAMPFIRE.** H. A. (Sensation.) Of vigorous growth, with the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very handsome. Pkt., 10c.

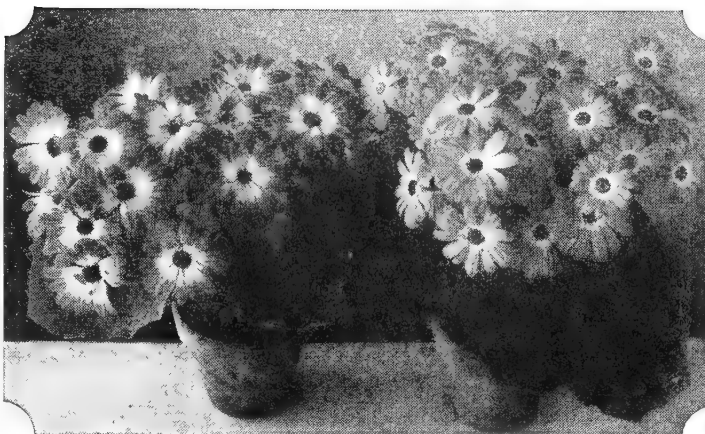
865. **DOUBLE MIXED.** H. A. (Pot Marigold.) Freely-flowering plants of easiest culture, succeeding everywhere. Pkt., 5c; 1/2 oz., 25c.

866. **ORANGE KING.** H. A. A very select double dark, orange-red Calendula. Pkt., 10c.

876. **CALLIOPSIS.** H. A. Dwarf Dazzler. A bi-colored Calliopsis. Center of flower rich maroon with broad yellow border. Plants are six to ten inches high. Flowers are large. Will attract attention wherever grown. Pkt., 10c; 2 pkts., 15c. Mixed colors, see page 46.

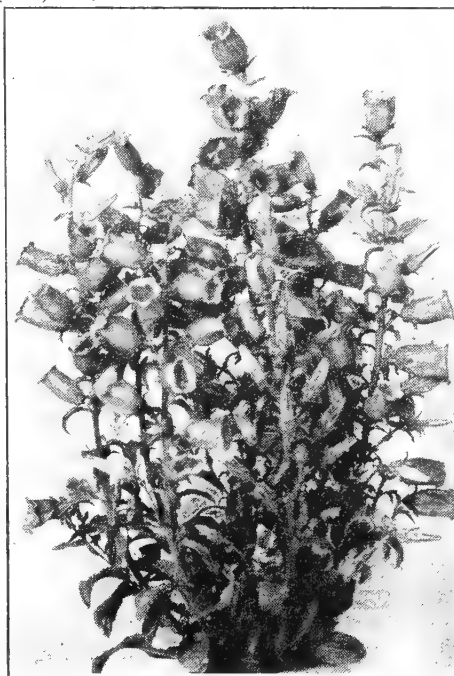


Dazzler Calliopsis.



California Super Giant Cineraria.

932. **CINERARIA.** California Super-Giants. A strain of giant Cineraria developed by many years of individual breeding and selection. The beautifully formed flowers measure from four to six inches in diameter with individual petals as much as 1 1/2 inches wide. Plants are compact in habit, 15 to 18 inches high, and the plant is basal branching which is a characteristic not found in any other strain of Cineraria. Color range from salmon and azure blue to the deepest blood red and violet blue. Pkt., 40c; 2 pkts., 75c.



Annual Canterbury Bell.

894. **CANTERBURY BELLS.** H. A. (Campanula.) Annual Mixed. Here is a variety of Canterbury Bell that brings spring into your garden in the fall. It will bloom from seed in 90 days. The plants grow from 2 to 2 1/2 feet tall and each plant has from 6 to 8 spikes of bloom. Pkt., 10c; 2 pkts., 15c.

915. **CHRYSANTHEMUM.** H. A. Annual Mixed. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt., 10c; 2 pkts., 15c.

914. **CHRYSANTHEMUM.** H. A. Merry Mixture. A new strain of single Chrysanthemums or Painted Daisies that include solid colors as well as a wide range of zoned or tri-color flowers. See page 40 for color illustration. Pkt., 20c; 2 pkts., 35c.

934. **CYNOGLOSSUM AMABILE.** H. A. (Chinese Forget-Me-Not.) Forms erect bushes 24 to 36 inches high covered with beautiful brilliant blue, fragrant flowers. Blossoms from May to October. Fine for the border. Very easy to grow. Pkt., 10c; 2 pkts., 15c.

937. **CYNOGLOSSUM.** Dwarf Firmament. H. A. Neater in appearance than the taller type and more suitable for border planting. Grows about 16 inches tall. See page 42 for color illustration and description. Pkt., 15c; 2 pkts., 25c.



Clarkia.

919. **CLARKIA.** ELE-GANS. H. A. Double Mixed. Bright and attractive annuals of easy culture resembling flowering almonds. They grow about 2 feet high, bear profusely pretty double flowers carried on long, graceful sprays. Pkt., 10c; 2 pkts., 15c.



Sensation Cosmos.

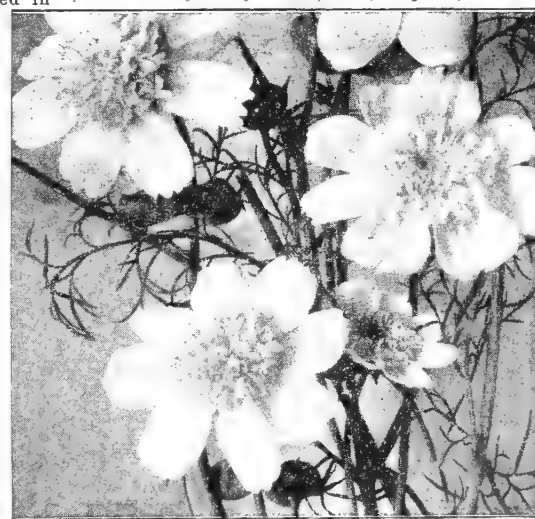
### OLDS' COSMOS.

928. **SENSATION MIXED.** H. A. The giant blooms measure four to six inches across on plants four to five feet tall. To produce the large blooms, plant three feet apart and disbud. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 35c; oz., 60c.

926. **EXTRA EARLY COLossal MIXED.** H. A. The Cosmos for the northern latitudes. The plant is graceful and delicate, the flowers single and as large as the late blooming kinds. Plants grow 4 to 6 feet high. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 35c; oz., 60c.

927. **RADIANCE.** H. A. Winner of the 1948 Silver Medal All America award. A beautiful two-tone Cosmos that should be in every garden. See page 41 for complete description. Pkt., 15c; 2 pkts., 25c.

925. **EXTRA EARLY DOUBLE CRESTED MIXED.** H. A. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 15c; 2 pkts., 25c.



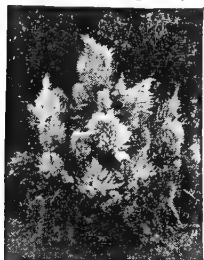
Extra Early Double Crested Mixed Cosmos.



Candytuft, Coronaria.

886. **CANDYTUFT, CORONARIA.** H. A. Giant White Hyacinth Flowered. Snowy white flowers on sturdy large spikes. Much like a hyacinth. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c.

885. **CANDYTUFT, UMBELLATA.** H. A. Choice Mixed. Well known hardy plants much used for borders and edging. Easy to grow. Season July 'til heavy frost. Height, one foot. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c.



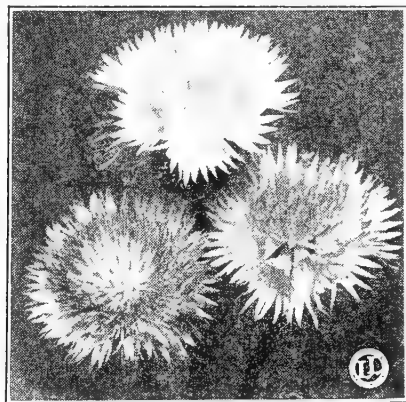
Celosia Plumosa.



Celosia Crestata  
(Coxcomb.)

906. **CELOSIA DWARF CRESTATA.** Coxcomb. H. A. Very hardy annuals of easy culture, producing large ornamental comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 10c; 2 pkts., 15c.

905. **CELOSIA PLUMOSA.** Ostrich Plume. H. A. Plants pyramidal, branching out above the plant with numerous massive plumes which resemble ostrich feathers. Pkt., 10c; 2 pkts., 15c.



Centaurea, Imperialis (Sweet Sultan).

911. **CENTAUREA, IMPERIALIS.** H. A. Sweet Sultan. Beautiful sweet-scented thistle-like flowers borne on long strong stems. When cut, will last for days in water. Very easy to grow. Combines well with other flowers. Pkt., 10c; 2 pkts., 15c.



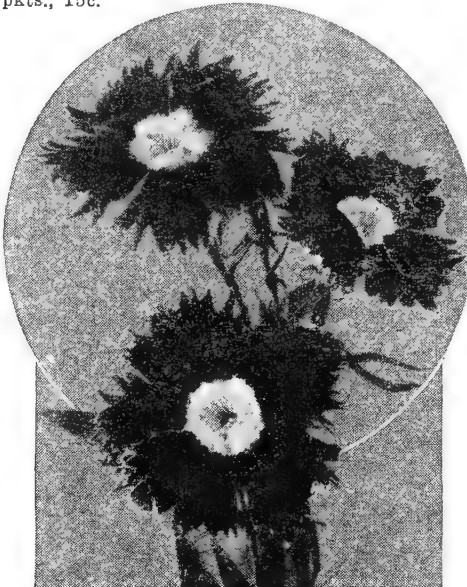
Cobaea Scandens.

920. **COBAEA, SCANDENS.** H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season. Will cling to any rough surface. In sowing, plant the seed edgewise, in flats in March or April. The large bell-shaped flowers are first green, then turn to a beautiful purple. Pkt., 15c; 2 pkts., 25c.

935. **DAHLIA.** H. A. Dwarf Hybrids, Mixed. See page 41 and front cover for color illustrations. Dahlias can be grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 15c; 2 pkts., 25c.

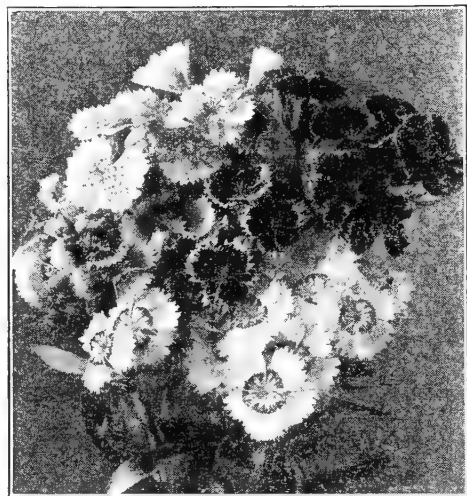
**DAHLIA BULES.** See page 30.

950. **DIANTHUS.** (Pinks.) Double Chinen-sis Mixed. H. A. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form striped bands and markings and are very beautiful. Pkt., 10c; 2 pkts., 15c.



Lacinatus Splendens Dianthus.

953. **DIANTHUS.** Lacinatus Splendens. H. A. Probably the most striking of all the Dianthus. Neat and compact in habit, growing about 6 to 8 inches high and producing hundreds of showy flowers throughout the season. Dozens of flowers in bloom at a time. Blooms throughout the summer months. Flowers are strongly scented and are about two inches in diameter. The color is brilliant crimson with a vividly contrasting large white eye. An easily grown, free flowering garden annual. Pkt., 15c; 2 pkts., 25c.

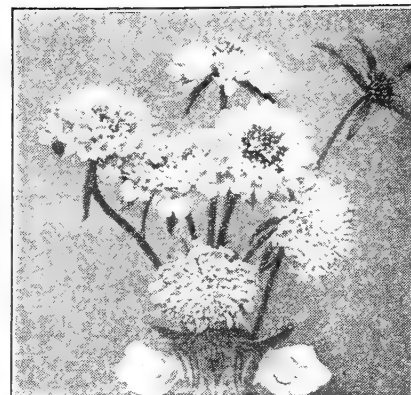


Sweet Wivelsfield Dianthus.

954. **DIANTHUS.** Sweet Wivelsfield. H. A. A cross between the hardy Pink and the Sweet William. Flowers are over three inches in diameter and are borne profusely. Colors include pink, rose, white and many marked with contrasting shades. Some are honey-scented. See page 43 for color illustration. Pkt., 10c; 2 pkts., 15c.

918. **CLEOME.** H. A. Giant Pink Queen. An easily grown annual that blooms all summer. See page 43 for color illustration and description. Pkt., 15c; 2 pkts., 25c.

995. **GOURDS.** H. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Do not plant near squash or pumpkin. It will make them bitter. Large types make fine birdhouses. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c.



Didiscus Coeruleus.

959. **DIDISCUS, COERULEUS.** H. A. (Blue Lace Flower.) A beautiful blue-flowering annual growing about 3 feet tall. Very fine for cutting. Pkt., 10c; 2 pkts., 15c.



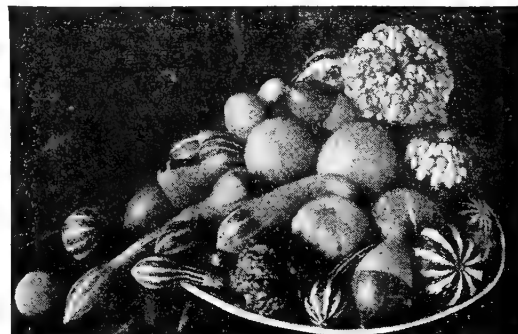
944½. **DIMORPHOTHECA.** Golden Orange Daisy. H. A. A showy African Daisy with large glossy orange-red flowers. See illustration above. Pkt., 15c; 2 pkts., 25c.

942. **DIMORPHOTHECA.** (Star of the Veldt.) H. A. Mixed Hybrids. Commonly called Showy African Daisy. See illustration of Golden Orange African Daisy above. Our mixture contains many beautiful shades of yellow, salmon, gold and white. Pkt., 10c; 2 pkts., 15c.

960. **DOLICHOS.** H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms and maroon pods are very ornamental. Pkt., 10c; 2 pkts., 15c.

943. **BLUE EYED DAISY.** Arctotis Grandis. H. A. Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver white with blue eyes. Under-side of petals bluish. Pkt., 20c; 2 pkts., 35c.

969. **EUPHORBIA VARIEGATA.** H. A. (Snow on the Mountain.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Splendid for bouquets. Pkt., 10c; 2 pkts., 15c.



Mixed Ornamental Gourds.



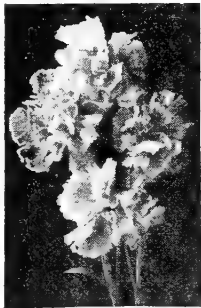
Escholtzia or California Poppies.

### Escholtzias or California Poppies

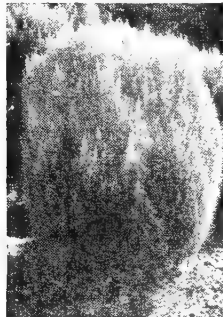
870. Single, Fine Mixed. H. A. (Escholtzia.) The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Should be in every garden. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c.

872. Carmine King. H. A. Beautiful carmine-rose, both inside and out. Pkt., 10c; 2 pkts., 15c.

873. Golden West. H. A. The true wild California Poppy. Yellow with orange center. Largest flowers. Pkt., 10c; 2 pkts., 15c.



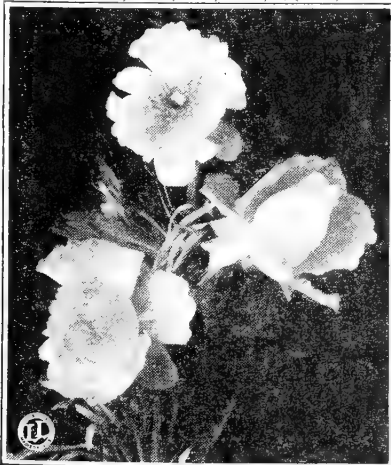
Godetia.



Kochia.

990. GODETIA. (Shamini Type.) H. A. Best Tall Double Mixed. A very pretty annual which should be more largely and more extensively grown. Attains a height of about 1½ feet. The flowers have a satiny texture with many beautiful colors. A profuse bloomer. Does well in poor soil. Pkt., 10c; 2 pkts., 15c.

1013. KOCHIA. (Trichophylla Childsii.) (Annual Evergreen.) H. A. Mexican Fire Bush. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Makes a nice hedge. Pkt., 10c; oz., 35c; ¼ lb., 90c.



Sunlite Hunnemannia.

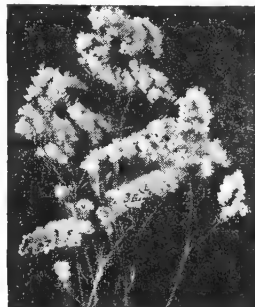
1001. HUNNEMANNIA FUMARIFOLIA. H. A. Sunlite. (Mexican Tulip Poppy.) A double-flowered bush poppy having much the appearance of a clear canary yellow tulip, two inches in diameter. The extra bands of petals are on the outside, making the flower appear open even after the cup-like blossoms are closed for the night. The foliage is a light gray-green. Grows about 2 feet high. Requires a sunny, well-drained location. Plant after the soil becomes warm. Pkt., 10c; 2 pkts., 15c.

## OLDS' EVERLASTINGS

Grow your own winter bouquets. The six varieties listed below are all very fine for winter bouquets.



Helichrysum.



Statice Sinuata.

965. HELICHRYSUM MONSTROSUM. Mixed. H. A. Double flowers in glittering colors. The well-known strawflower. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.20.

968. STATICE. Sinuata. Mixed. H. A. Dense groups of strawy blossoms on the top of wiry stiff stems. Last for months when dried. Pkt., 10c; 2 pkts., 15c.

967. ACROCLINIUM. Double Mixed. H. A. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Pkt., 10c; 2 pkts., 15c.

997. GOMPHRENA. H. A. Best Mixed. (Globe Amaranth.) A showy annual everlasting or strawflower, resembling a large clover blossom. Pkt., 10c; 2 pkts., 15c.

994. GYPSOPHILA ELEGANS. Covent Garden. H. A. (Baby's Breath.) The popular minute white flowers used by florists so much in bouquets. Pkt., 10c; 2 pkts., 15c; oz., 40c.

1026. LUNARIA. H. A. (Silver Dollar Plant.) The flowers are purple, followed by silvery seed pods which make wonderful winter decoration. Pkt., 10c; 2 pkts., 15c.

970. FORGET-ME-NOT. H. H. P. (Myosotis.) Should be treated as an annual as it blooms from early sown seed. One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 20c; 2 pkts., 35c.

975. FOUR O'CLOCK OR MIRABILIS. H. A. (Marvel of Peru.) Mixed. Handsome, free flowering, many colored blossoms. A good flower of hardy, bushy habit, very charming as a hedge plant. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c.

985. GAILLARDIA PICTA. H. A. Double Mixed. The annual Blanket Flower—reds and yellows. One of our most profuse blooming annuals. Grows 1½ feet tall with gray-green foliage. Pkt., 10c; 2 pkts., 15c.

1000. HELIOTROPE. H. H. P. Double Mixed. A fine house plant. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 15c; 2 pkts., 25c.

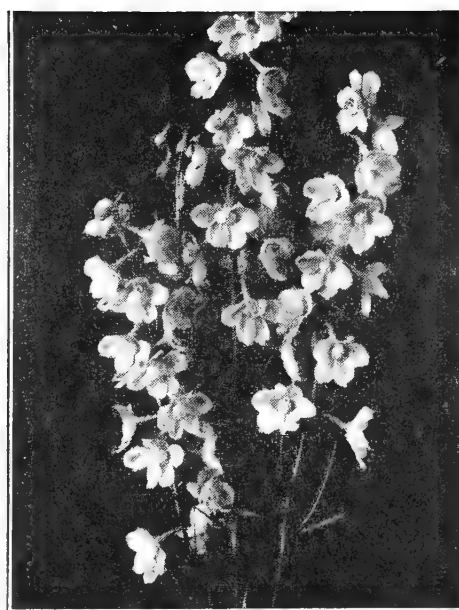
1008. HOLLYHOCK. Indian Spring. H. A. A novelty Hollyhock from Holland. See page 41. for color illustration. Pkt., 15c; 2 pkts., 25c.

929. JOB'S TEARS (Coix). T. P. While a perennial it is not hardy and must be grown as an annual. The leaves are about two feet long and one and one-half inches wide. Beads or tears on the axis are pearly white to lead color. They are useful ornaments and a curiosity. Pkt., 10c; 2 pkts., 15c.

1025. LOBELIA. H. A. Dwarf Crystal Palace. Compact, bushy little plants about four inches high and covered with little, dark blue flowers. Attractive in window boxes or edging flower beds. Pkt., 15c; 2 pkts., 25c.

1028. LUPINUS. Annual Hartwegii Giants. H. A. An annual of very striking habit, growing from 3 to 4 feet tall, and of the base branching type with 4 to 6 long spikes to the plant. The foliage is a beautiful cress green. Spikes contain 25 to 50 more blooms than the old type and the blooms are larger. A fine cut flower. Pkt., 10c; 2 pkts., 15c.

1023. LINARIA. (Baby Snaps.) Marocana Hybrid Mixed. H. A. A beautiful little annual which is easily grown from seed. Flowers resemble small Snapdragons with spurs similar to a Columbine. The plant grows about one foot high and will usually bloom from seed in eight weeks. Pkt., 10c; 2 pkts., 15c.



Annual Cambridge Blue Delphinium.

1018½. ANNUAL DELPHINIUM. Cambridge Blue. H. A. This is a Chinese type of Delphinium which is strictly an annual. Blooms the first year from early sown seed. It is especially fine for border plants with its tall spikes of blue flowers. The color is a rich light blue surpassing Belladonna in brilliancy. Plants average two to three feet in height. Pkt., 15c; 2 pkts., 25c.

## OLDS' LARKSPURS

The improved Annual Giant Imperial Larkspurs are exceedingly graceful and attractive and are ideal for cut flowers as the flowering stems, three to four feet long, branch from the base of the plant. Sow early, and thin out the seedlings so each plant will have room for development.

1015. Tall Giant Imperial Mixed. H. A. A mixture of new giant varieties. Shades of blue, pink and white. See page 41 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1013½. Blue Spire. H. A. Deep oxford blue. Pkt., 10c; 2 pkts., 15c.

1014½. Lilac Spire. H. A. A true lilac shade. Pkt., 10c; 2 pkts., 15c.

1015½. Carmine King. H. A. Deep carmine rose. Pkt., 10c; 2 pkts., 15c.

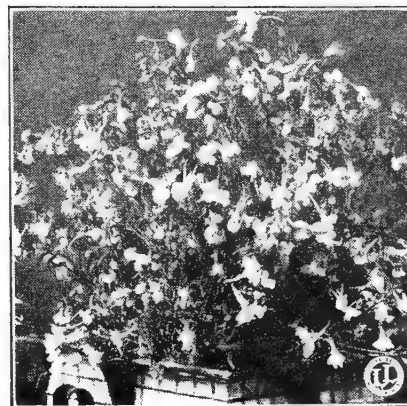
1016½. White King. H. A. Large florets two inches across. Pure glistening white. Pkt., 10c; 2 pkts., 15c.

1017½. Rosalind. H. A. Rose suffused salmon. Pkt., 10c; 2 pkts., 15c.

1018. Improved Los Angeles. H. A. A rich salmon overlaid with a brilliant and pleasing rose. See page 43 for color illustration. Pkt., 15c; 2 pkts., 25c.

### ANNUAL LARKSPUR COLLECTION

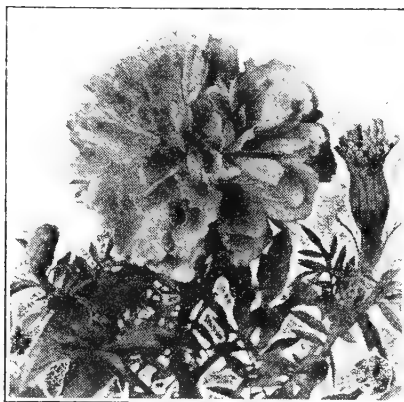
1014C. This collection is comprised of one pkt. each of the following six Larkspurs: Blue Spire, Lilac Spire, Carmine King, White King, Rosalind and Imp. Los Angeles. Will make a splendid cut flower garden. Special Collection Price: 30c, postpaid.



Linaria (Baby Snapdragons).



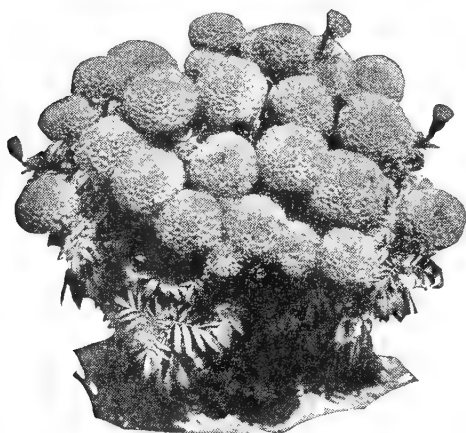
# Olds' Marigolds



Guinea Gold Marigold.

1034. **Guinea Gold.** (African.) H. A. A rich Guinea Gold which can almost be described as a brilliant orange, a color which will harmonize well with other colors. The flowers will last for weeks as cut flowers and the plants are a mass of bloom until frost. It grows 2 to 3 feet tall. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c.

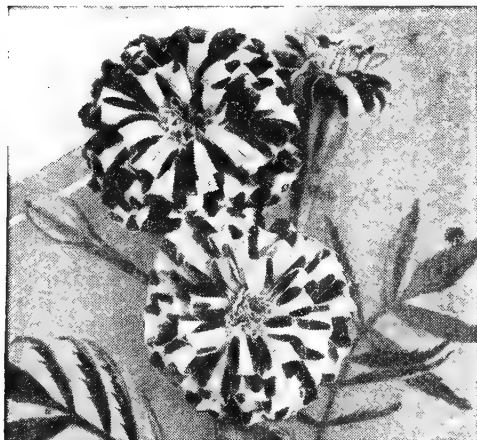
1032 $\frac{1}{2}$ . **Yellow Supreme.** (African.) H. A. It is quite similar to Guinea Gold, but the flowers are slightly larger and of a creamy lemon-yellow color. The plant is 2 to 3 feet tall, and is free blooming. Flowers will keep 10 days in good condition after cutting. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 60c.



Little Giant Marigold.

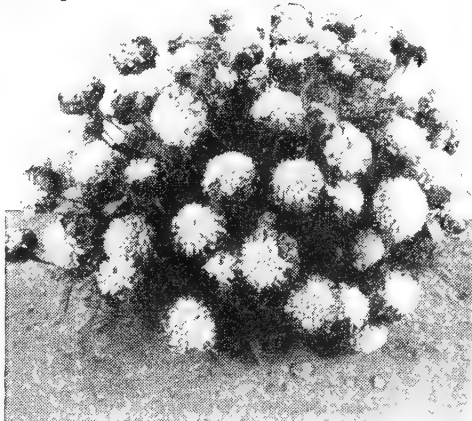
1029 $\frac{1}{2}$ . **Little Giants.** (African.) H. A. Although the height is only ten to fifteen inches, the plant will actually produce a head of twenty to thirty-five 4-inch flowers. Note illustration. It is especially fine to grow as a pot plant. Colors range from yellow to bright orange. A small per cent of the plants will be of the tall type. These have light colored foliage and should be discarded when transplanting. Pkt., 15c; 2 pkts., 25c.

1029. **Dwarf Royal Scot All Double.** H. A. The bushy plants, uniform in shape, grow to a height of ten to twelve inches. The flowers are rich mahogany and gold in uniform stripes and are practically 100% double; something quite new in French Marigolds. Pkt., 10c; 2 pkts., 15c.



Dwarf Royal Scot All Double Marigold.

Marigolds from early summer to late fall supply the garden with their wealth of color. Too well known to require much in the way of description.



Specimen plant of Dwarf Miniature Gem, Double Mixed Marigold.

1039. **Dwarf Miniature Gem, Double Mixed.** A remarkable mixture of the new Dwarf French Double Type Marigold such as Spry, Butterball, Yellow Pigmy, etc. The compact plants retain their neat form throughout the summer heat and continue to bloom from the very earliest until frost. Plants are from 8 to 10 inches tall and flowers will measure about 1 $\frac{1}{2}$  inches in diameter. Excellent for border planting. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

1038. **Sunkist.** H. A. A 1943 All-America silver medal winner. A dazzling border or window box plant. See inside back cover for color illustration and complete description. Pkt., 10c; 2 pkts., 15c.

1030. **Dwarf Mixed French.** H. A. The favorite, dwarf, highly-colored variety. Pkt., 10c; 2 pkts., 15c.

1036. **Spry.** H. A. A beautiful dwarf French harmony type Marigold. See page 42 for color illustration and description. Pkt., 20c; 2 pkts., 35c.

1035 $\frac{1}{2}$ . **Mission Giants, Goldsmith.** One of our newer Marigolds. See page 44 for description and colored illustration. Pkt., 15c; 2 pkts., 25c.

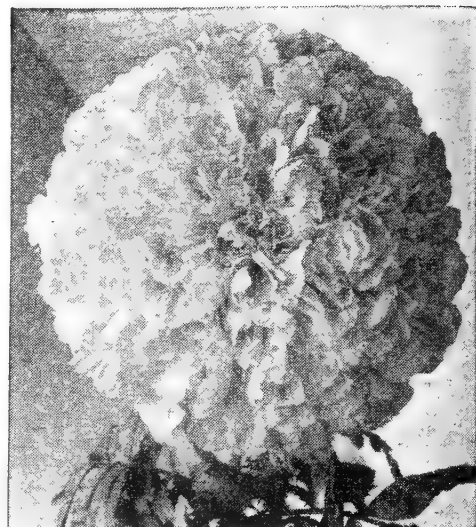
1027 $\frac{1}{2}$ . **Early Sunrise.** H. A. Bright dazzling golden yellow. Chrysanthemum shaped flowers, 2 $\frac{1}{2}$  inches in diameter. Free flowering on plants two feet tall. Will bloom 15 weeks after seed is sown. Pkt., 10c; 2 pkts., 15c.



Early Sunrise Marigold.

## EVENING SCENTED STOCK

1041. **MATHIOLA. Bicornis (Evening Scented Stock.)** Sometimes called perfume plant. Lilac flowers are produced on plants about 15 inches tall, which in the morning and evening and after showers give forth a sweet perfume. The aroma carries quite a distance from the plant. Pkt., 10c; 2 pkts., 15c.



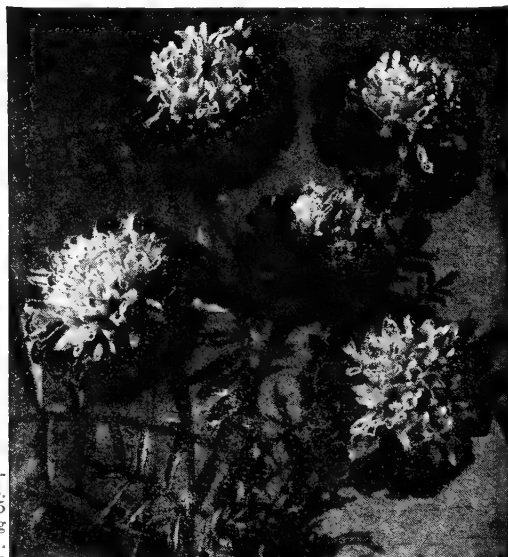
Gigantea Sunset Giant Marigold.

1034 $\frac{1}{2}$ . **Gigantea Sunset Giant Mixed.** H. A. Blooms actually seven to eight inches in diameter have been produced and they will average five inches across. The plants will vary in height from three to six feet. The flowers are loosely formed, very full centered, with broad heavy petals gracefully overlapping to make a flower of great depth. Colors range from deep orange to light yellow. The plants have a sweet fragrance instead of the usual Marigold odor. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 60c.

1033 $\frac{1}{2}$ . **Crown of Gold.** H. A. This is the first Marigold with entirely odorless foliage. The golden orange chrysanthemum top flower is surrounded by a collar of big broad petals of the same color. Plants grow about two feet tall, blooming early, profusely, and continuously until frost. A very showy flower in the garden and wonderful for cutting. Pkt., 10c; 2 pkts., 15c.

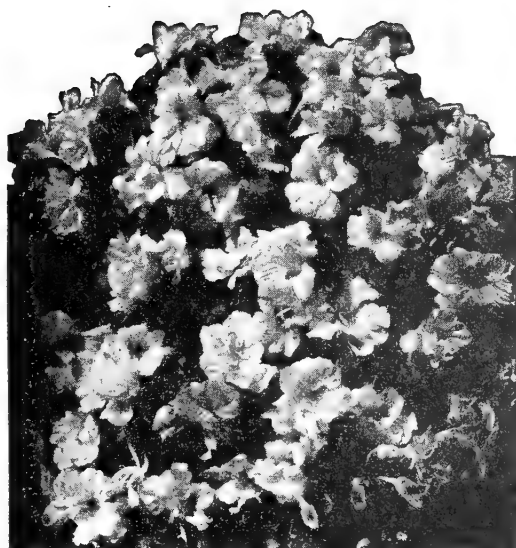
1037. **Double Harmony Hybrids, Mixed.** H. A. For several years Marigold Harmony has been very popular. Now we have this type in mixed colors including the popular Harmony, a lovely golden-orange shade, distinct golden-yellow, and innumerable blotched and striped combinations of golden-orange with maroon and various shades of gold and lemon-yellow with contrasting dark maroon. See page 44 for color illustration. Pkt., 10c; 2 pkts., 15c.

1027. **Harmony.** H. A. (Dwarf French.) The Scabiosa-like flowers with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals are most charming. The dwarf compact plants are about one foot high. Very free blooming and extremely early. Excellent for cutting. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 40c; oz., 75c.



Harmony Marigold.

## OLDS' NASTURTIUMS



Double Dwarf Gem Nasturtium.

1053. Double Dwarf Gem Mixed. H. A. This strain of double Nasturtium will prove very popular for borders and edging. The good-sized sweet scented double flowers cover the little plants in excellent color arrangement. Plants are neat and compact. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50.



Double Golden Glean Nasturtiums.

1055. Golden Glean. H. A. The first double Nasturtium. Semi-dwarf, forming a large vigorous bush which throws out runners averaging about 24 inches in length. The flowers begin coming as soon as the plant nears complete development and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. Flowers measure 2½ to 3 inches across, borne on stiff, erect stems, 6 to 8 inches in length, the flowers standing well above the foliage. Very fragrant. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50.

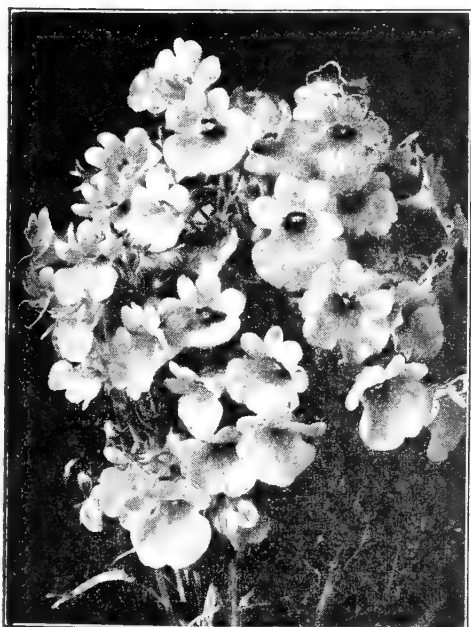
1050. Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds and borders. Comprise a wonderful assortment of rich and varied shades. Large pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.25.

1060. Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. The Tall Mixed Nasturtiums are the freest bloomers and produce the largest flowers. Keep them picked and they will keep blossoming. Large pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.25.

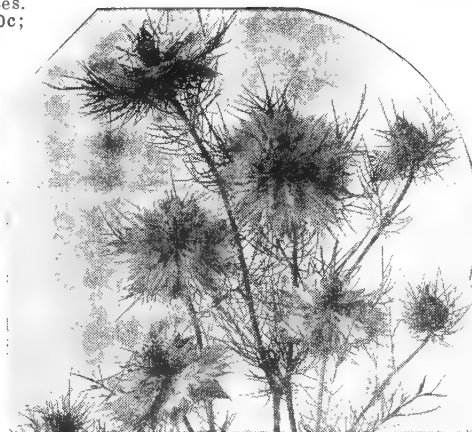


Dwarf Double Golden Globe Nasturtium.

1052. Double Gem Golden Globe. H. A. This variety is very similar to the Golden Glean, but the plant is compact in growth. The free flowering, well formed flowers are delicately sweet scented. This variety holds its form well in rainy climates. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50.



Nemesia.



Double Mixed Nicotiana.

1068. NIGELLA. Double Mixed. (Love in the Mist.) H. A. A compact free flowering plant with finely cut foliage. Easily grown in any garden soil. Blue and white shades. Height 18 inches. Pkt., 10c; 2 pkts., 15c.

1063. NEMESIA. Finest Annual Mixed. H. A. Splendid little dwarf plants for foreground of beds and for edging borders. The orchid-like flowers measuring about ¾ inch across are varied in color ranging from rose, yellow orange and blue. As they dislike hot weather, start the plants indoors so that they will bloom early. Pkt., 15c; 2 pkts., 25c.



Double Glean Mixed Nasturtiums.

1058. Double Glean Hybrid Mixed. H. A. This mixture contains a wide range of colors of the Glean type semi-double mixed. The plants are half dwarf and the flowers semi-double. The bushy plants throw out runners averaging about two feet in length. As the plant nears complete development, it is a blaze of color. Under unfavorable growing conditions, these will not come 100% semi-double. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50.



Double Scarlet Glean Nasturtium.

1056. Scarlet Glean. H. A. Similar to our popular Golden Glean but is a rich scarlet color. The plant is half-dwarf, bushy, with a few short runners. The blossoms are semi-double with ruffled petals. Profuse bloomer. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50.

1035. MIG-NONETTE MACHET. H. A. Dwarf Mixed. Of dwarf pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 10c; 2 pkts., 15c.



Nicotiana.

1066. NICOTIANA. AFFINIS HYBRID. Mixed. H. A. (Flowering Tobacco.) Large, trumpet-shaped flowers on plants 2 feet high. Very fragrant, and easy to grow. Pkt., 10c; 2 pkts., 15c.

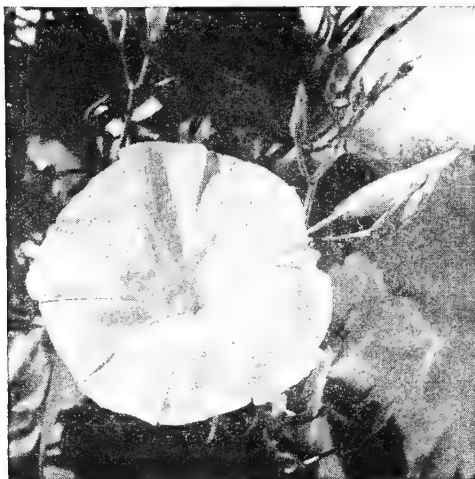
1067. NICOTIANA. Crimson Bedder. H. A. This sweet scented tobacco has bright crimson flowers on plants 15 inches in height. The tubular flowers usually close in mid-day but open in early evening, giving forth their rich perfume. Pkt., 10c; 2 pkts., 15c.

1069. NIEREMBERGIA. Hippomanica. T. P. The lavender-blue flowers enriched by a touch of yellow in the center are most charming. Plants are very dwarf, compact, and not over six inches high with a spread of ten inches. See page 44 for color illustration. Foliage is light gray green. Recommended for an edging or border plant. Very beautiful in window boxes or flower pots. Seed slow to germinate and should be started in flats. Pkt., 20c; 2 pkts., 35c.



## OLDS' IPOMEAS AND MORNING GLORIES

Please Note: Plant on poor soil. Convolvulus and Ipomeas are both considered Morning Glories. The Convolvulus have a capitate instead of two linear stigmas.



Ipomea, Pearly Gates.

1043. **IPOMEA**. Pearly Gates. H. A. This Morning Glory originated from a sport of the early Heavenly Blue Morning Glory. The big satiny-white  $4\frac{1}{2}$ -inch flowers have a creamy shading in the throat. The vine is fast growing, attaining a height of about twelve feet with luxurious foliage of heart-shaped leaves of fresh light green. An excellent flower for a red, white and blue garden. Pkt., 15c; 2 pkts., 25c.

1047. **CONVOLVULUS**. (Morning Glory.) H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Pkt., 10c; 2 pkts., 15c; oz., 25c.

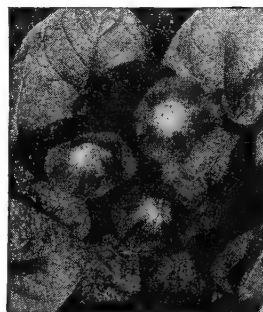
1049. **IPOMEA**. Scarlett O'Hara. H. A. Flowers are about four inches in diameter of a dark wine-red or deep rosy-crimson. They are produced on fast growing vines which start blooming within 65 days after seed is sown. Flowers are a lovely blaze of color during the morning, and until well in the afternoon, remaining open practically all day on cloudy or dull days. See page 41 for color illustration. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 75c.

930. **IPOMEA QUAMOCLIT SCARLET**. (Cypress Vine.) H. A. Mixed. Unexcelled for training up a light trellis. Bears many star-shaped scarlet or white blossoms; finely cut leaves. Pkt., 15c; 2 pkts., 25c.

898. **IPOMEA QUAMOCLIT SLOTERI**. (Cardinal Climber.) H. A. A very handsome vine with finely cut fern-like ornamental foliage; a strong rapid grower attaining a height of 25 feet, and covered with cardinal red flowers somewhat resembling small Morning Glories with the bell turned back. Pkt., 10c; 2 pkts., 15c.

1046. **IPOMEA ALAMO** or **MILE-A-MINUTE VINE**. H. A. The foliage is lacy in appearance. The flowers are creamy white, about  $1\frac{1}{2}$  inches in diameter, deep wine-red at the center. Open late in the morning with the bright sun and remain open during the afternoon. Pkt., 10c; 2 pkts., 15c.

1048. **IPOMEA**. (Morning Glory.) Heavenly Blue. Clark's Early Strain. H. A. Our favorite Morning Glory. Clear blue with white throat. See page 40 for color illustration. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 40c; oz., 60c.



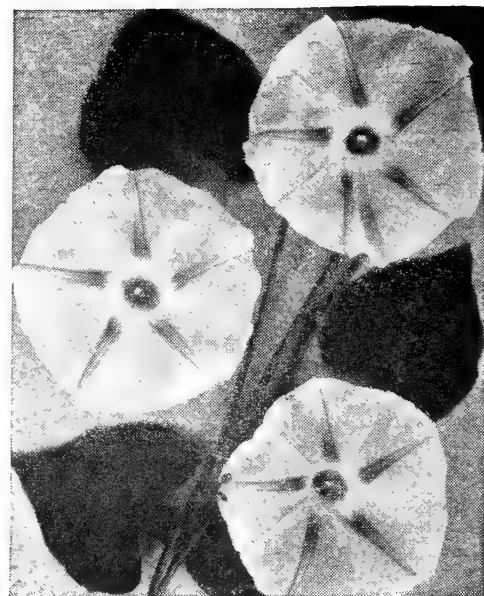
Crimson Rambler Morning Glory.



Moonflower.

### RED, WHITE AND BLUE MORNING GLORY GARDEN

1042C. Will make a splendid display on a trellis, arbor or fence. Each collection consists of one full size pkt. of each. Heavenly Blue—bright blue; Pearly Gates—white; Crimson Rambler—bright red. Price: 20c, postpaid.



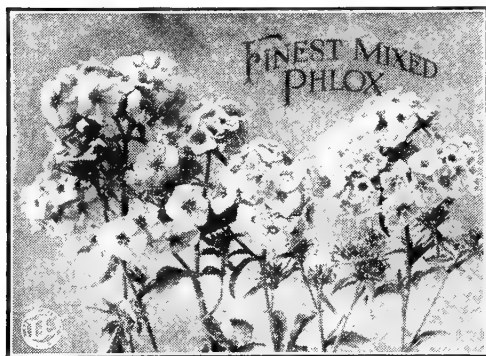
Ipomea Blue Star.

1045. **IPOMEA**. **BLUE STAR**. H. A. An entirely new color in giant Morning Glories being a distinct shade of clear sky blue accentuated by five deeper blue mid-ribs to form an attractive star. They are of immense size being larger and earlier than Heavenly Blue averaging 4 to  $4\frac{1}{2}$  inches in diameter, and are borne in great profusion. They will remain open well in the afternoon on cloudy days. Don't overlook this as it is a must for 1949 gardens. Pkt., 25c; 2 pkts., 45c.

1044. **CONVOLVULUS**. (Morning Glory.) **Crimson Rambler**. H. A. The most easily grown and freest flowering red Morning Glory. Ruby red with tube and throat white. Pkt., 10c; 2 pkts., 15c.

1040. **IPOMEA**. **Noctiflora**. H. A. **Mixed MOONFLOWER**. A fine, ivy-leaved climber, covered every evening with large, fragrant flowers. Pkt., 10c; 2 pkts., 15c.

## OLDS' PHLOX



Gigantea Art Shades Phlox.

1113. **Gigantea Art Shades**. Mixed. H. A. A strain of Drummond's Phlox with individual florets  $1\frac{1}{4}$  inches or more in diameter. In addition to the enormous flowers, the color range is exquisite, ranging through all the soft art shades. There is a complete absence of harsh colors in this wonderful mixture. Plants are about nine inches high. Pkt., 15c; 2 pkts., 25c.

1112. **Gigantea Salmon Glory**. H. A. Individual florets with ordinary field culture will average from  $1\frac{1}{4}$  inches to  $1\frac{1}{2}$  inches in diameter. The color is a pure salmon pink with a distinct creamy white eye. A most striking and beautiful combination of color. An All-America silver medal winner. See inside back cover for color illustration. Pkt., 15c; 2 pkts., 25c.

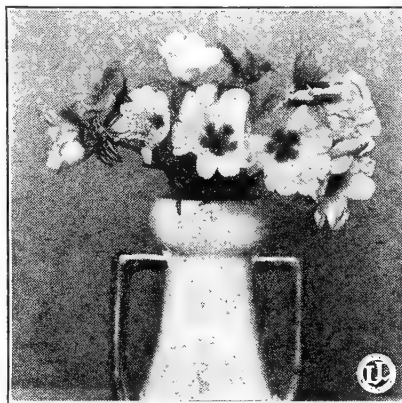
1110. **Finest Annual Mixed**. H. A. One of the easiest to grow of all annuals. Flowering continuously from a few weeks after seed is sown. Remove faded flowers to encourage blooming. A splendid mixture of pleasing colors and varieties. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{4}$  oz., \$1.00.

1114. **Starred and Fringed**. H. A. Pretty star-like flowers of many colors, some fringed. Pkt., 15c; 2 pkts., 25c.

## HELIANTHUS (Sunflower)

1180. **SUNFLOWER**. Sun Gold. H. A. Bright yellow, double flowers, resembling chrysanthemums. See page 40 for color illustration. Pkt., 15c; 2 pkts., 25c.

1185. **SUNFLOWER**. H. A. Mammoth Russian. Immense plants, 12 feet high with single blossoms from 6 to 15 inches across. Seeds used for birds and poultry. Oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb. 35c; lb., 60c.



Single Mixed Portulaca.

1130. **PORTULACA**. Double Mixed. H. A. (Rose Moss.) Small, fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 15c; 2 pkts., 25c;  $\frac{1}{4}$  oz., 85c;  $\frac{1}{2}$  oz., \$1.50; oz., \$2.75.

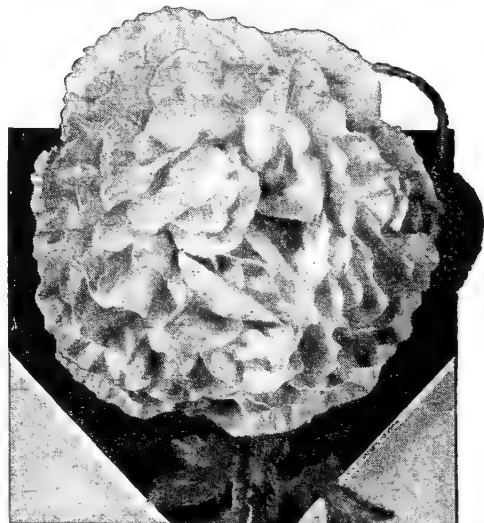
1131. **PORTULACA**. Single Mixed. H. A. Fine for edging or bedding and mass plantings on boulevards and terraces. Does well on poor soils. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{4}$  oz., 45c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.

## OLDS' POPPIES

1123. **All Double Shirley Poppy**. (Mixed.) H. A. Here is a strain that comes practically 100% double from seed. The size of the poppies is a quarter again larger than the old types of Shirley Poppies. See page 42 for complete description and colored illustration. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 45c; oz., 80c.

1127. **American Legion**. H. A. Vivid scarlet-red Shirley Poppy. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 10c; 2 pkts., 15c.

1124. **Sweet Briar**. H. A. Beautiful double Begonia-shaped flowers of a delightful shade of deep rose pink. The blooms are fully double resembling a Begonia. Will make a fine cut flower when the blooms are cut in the bud. Stems are twenty-four to thirty inches long. Pkt., 10c; 2 pkts., 15c.



Sweet Briar Shirley Poppy.





General Dodds Petunia.

1092. General Dodds. (Hybrida.) H. A. The finest flaming red Petunia of the hybrida or bedding type. Unlike other red Petunias, this strain will hold its brilliant color through the hottest weather. Pkt., 10c; 2 pkts., 15c.

1101. Rose of Heaven. (Hybrida Nana Compacta.) H. A. Quite similar to Rosy Morn but excels it in its rich brilliant rose color without the white throat. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 50c; 1/4 oz., 90c; 1/2 oz., \$1.60; oz., \$3.00.

1103. Rosy Morn. (Hybrida Nana Compacta.) H. A. Compact plants bearing a profusion of beautiful flowers 1 1/2 inches in diameter with throats of silvery-white, the rest of the flower heavily flushed with soft, rosy pink. Very popular for porch boxes and bedding. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 50c; 1/4 oz., 90c; 1/2 oz., \$1.60; oz., \$3.00.

1086. Theodosia Improved. (Grandiflora Single Fringed.) H. A. A large fringed rosy pink with clearly defined golden center with minute stripes. See page 44 for color illustration. Pkt., 25c; 2 pkts., 45c.

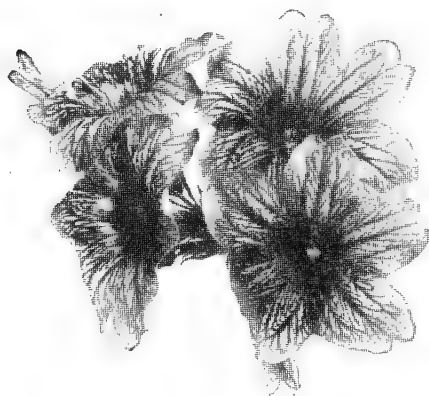
1102. Choice Mixed. (Hybrida Nana Compacta.) H. A. Will produce an abundance of small, bright flowers. This is the type to use for bedding. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 90c; 1/2 oz., \$1.60; oz., \$3.00.

1088. Silver Blue. (Hybrida Nana Compacta.) H. A. The best light blue or Heavenly Blue Petunia for bedding, edgings and borders. Blooms from early summer until frost. Plants are mound shape and grow to a height of 1 foot. Pkt., 10c; 2 pkts., 15c.

1097. Elk's Pride. (Grandiflora.) H. A. The blooms are extra large, three and one-half to four inches across, many of which are frilled and ruffled. The true royal purple is a color that will blend well with other colors. Pkt., 25c; 2 pkts., 45c.

1089. Hollywood Star. H. A. This variety won the Silver Medal in the 1939 All-America contest. The Petunia is unique in the form of its flowers which consist of a five-pointed star. The color is a charming shade of rich rose with an amber throat. A fine garden variety as it is early and free blooming. The plant is strong and so smothered with blooms that hardly any foliage shows. See inside back cover for color illustration. Pkt., 10c; 2 pkts., 15c.

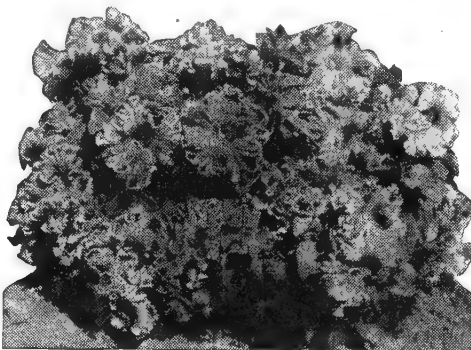
1098. Cream Star. H. A. A soft pastel cream Petunia for the garden. Light cream at the edges with the throat darkening to a bright golden yellow. The small star-like blossoms are five pointed and produced in enormous quantities on a dwarf bushy plant of uniform growth. An excellent border or edging plant as well as ideal for bedding. See page 44 for color illustration. Pkt., 15c; 2 pkts., 25c.



Mixed Salpiglossis.

## OLDS' PETUNIAS

Petunias are gaining rapidly in popularity, especially among the city gardeners. They succeed with little attention, everywhere, do well under varying conditions of soil and bloom throughout the summer. They are equally attractive planted in mass plantings or in small quantities in porch boxes.



Ruffled Little Giant Petunia.

1093. Ruffled Little Giants, Mixed. H. A. An excellent type of Petunia for bedding and pot culture. The 8 to 12-inch plants remain neat, compact and erect throughout the season. The flowers are deep throated, of medium size, well ruffled and waved and completely cover the plant. Colors range from deep crimson to white in almost every imaginable shade and combination of marking. We highly recommend this new mixture. Pkt., 25c; 2 pkts., 45c.

1096. Igloo. H. A. A white bedding Petunia whose outstanding characteristics are its free blooming habit and its compactness in uniform growth. It will produce a wealth of bloom throughout the entire summer. The flowers are 1 1/2 inches in size, pure white with a slight yellowing in the throat. Every plant is a perfect mound of white, ten to twelve inches high, reminding one of an Eskimo's Igloo. Pkt., 15c; 2 pkts., 25c.

1100. Supreme California Giants, Mixed. H. A. Largest and most striking strain of the ruffled giant type. Described and shown in color on page 41. Pkt., 30c; 2 pkts., 50c; 1/16 oz., \$2.50.

1085. Radiance. (Hybrida.) H. A. Received a 1941 silver medal in the All-America awards. Described and illustrated in color on page 42. Pkt., 20c; 2 pkts., 35c.

1108. Blue Bedder. (Hybrida Nana Compacta.) H. A. Here is a rich true blue Petunia much needed in every planting of bedded Petunias. The blooms are extra large and hold their color and size throughout the season. Plants measure about twelve inches in height. Pkt., 10c; 2 pkts., 15c.

1095. Snowball. (Hybrida Nana Compacta.) H. A. A white Petunia, free flowering from early summer until frost. Moundlike plants are uniformly covered with blooms. Pkt., 10c; 2 pkts., 15c.

### RED, WHITE AND BLUE PETUNIA GARDEN

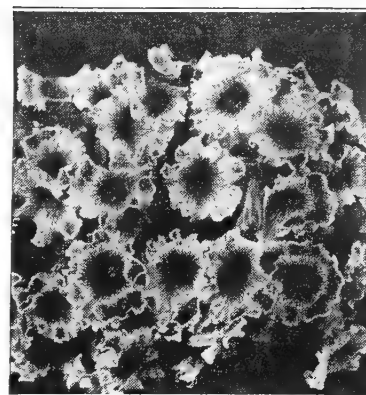
1084C. The Petunia is ideal for beds and borders as it is easy to grow and blooms profusely from early summer to frost. Collection consists of one full size pkt. each, General Dodds—red, Silver Blue—light blue, Snowball—pure white. Price: 20c, postpaid.

## OLDS' SALPIGLOSSIS

1145. SALPIGLOSSIS. H. A. Emperor Mixed. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Keeps fresh in water a long time. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 60c.

1146. SALPIGLOSSIS. Primrose. H. A. Salpiglossis was judged the most popular flower in the Horticulture Garden at the Century of Progress in 1934 at Chicago. An old-fashioned flower and one of the best for cutting. We think Primrose is one of the finest varieties. The blooms are large and bell shaped with a throat of true orange shading to golden yellow on the flare part of the bloom. Pkt., 10c; 2 pkts., 15c.

1147. SALPIGLOSSIS. Purple and Gold. H. A. This Salpiglossis has a very beautiful and striking combination of colors. The large trumpet-shaped blooms are of a velvety shade of Elk's purple veined with rich deep gold. Must be seen to be appreciated. Pkt., 10c; 2 pkts., 15c.



Martha Washington Petunia.

1094. Martha Washington. (Ruffled Nana Compacta.) H. A. The plant is about nine inches high and forms a perfect ball literally smothered with beautiful frilled blooms about three inches in diameter. A remarkable feature of this variety is its unique color, which resembles a Martha Washington pelargonium. The frilled flower is a beautiful bluish pink and the center portion is strongly veined a rich wine red, deepening in the throat to a dark violet. Pkt., 25c; 2 pkts., 45c.

1106. Victorious All Double Mixed. H. A. (Japanese grown.) We consider this strain the best Double Petunia on the market today. See page 40 for color illustration and complete description. Pkt., 50c; 2 pkts., 90c.

1090. King Henry. (Grandiflora Nana Compacta.) H. A. A long season bloomer with large waxy flowers of velvety blood red. The plants reach a height of about eight inches with a spread of from eight to ten inches. Each plant will have a dozen or more flowers in bloom at a time and the flowers will average approximately 2 1/2 inches in diameter. Pkt., 20c; 2 pkts., 35c.



King Henry Petunia.

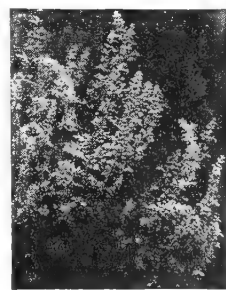
## OLDS' SALVIA

Start seed in February.

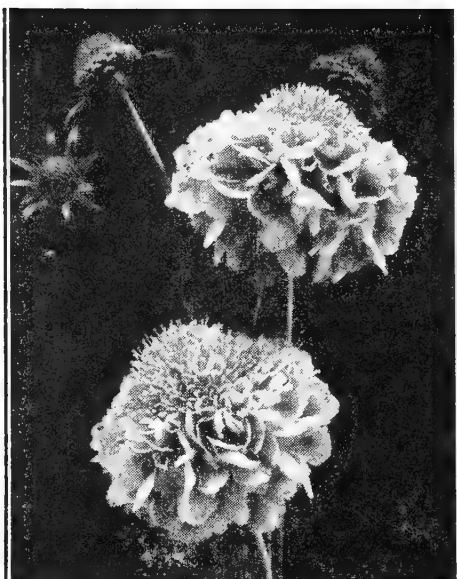
1150. SALVIA. America. (Scarlet Sage.) H. A. This variety grows 14 to 16 inches tall and is the earliest and most continuous bloomer of all the Salvias. Very uniform in habit and growth, making it ideal for bedding. Scarlet flowers. Pkt., 25c; 2 pkts., 45c; 1/4 oz., \$1.75; 1/2 oz., \$3.25; oz., \$6.00.

1152. SALVIA. Fireball. (Scarlet Sage.) H. A. Taller than the America, growing about 18 inches in height with numerous flowering spikes of a fiery scarlet. The plant branches freely and side shoots often produce 4 to 5 flowering spikes each. Pkt., 25c; 2 pkts., 45c; 1/4 oz., \$1.75; 1/2 oz., \$3.25; oz., \$6.00.

1151. SALVIA FARINACEA. Blue Bedder. H. A. This is the deepest blue variety of Salvia that we know of. It makes a splendid background for all other colors in the border and it can also be used by drying for winter bouquets. Grows 2 1/2 to 3 feet in height. Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.00; 1/2 oz., \$1.75.



Salvia Farinacea Blue Bedder.



Blue Cockade Scabiosa.

## OLDS' SCABIOSAS

1157. Blue Cockade. H. A. This variety of Scabiosa is a pure azure-blue in color. Blooms are rich and conical in shape, supported on long, wiry stems. A wonderful flower for cutting as well as bedding. Pkt., 10c; 2 pkts., 15c.

1155. Improved Choice Mixed. H. A. Tall Flowering. (Pincushion.) A variety of soft colors and shades. Easy to grow. Makes beautiful bouquets. Lasts for days when cut. See page 40 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 75c.

1158. Rosette. H. A. A beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. See page 43. Pkt., 15c; 2 pkts., 25c.

1153. Ageratum Blue. H. A. A clear medium blue Scabiosa. Longer stems and larger flowers than the old type. Pkt., 10c; 2 pkts., 15c.

1154. Loveliness. H. A. Salmon-rose shades of the improved strain of Scabiosas. Pkt., 10c; 2 pkts., 15c.

1159. Salmon Beauty. H. A. A pure salmon. Pkt., 10c; 2 pkts., 15c.

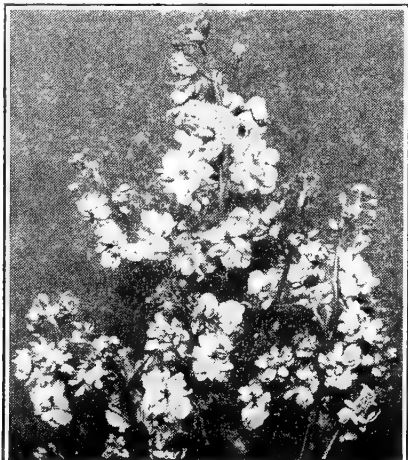
1162. Fire King. H. A. The best fiery scarlet. Pkt., 10c; 2 pkts., 15c.

1163. King of Blacks. H. A. Rich reddish black. Pkt., 10c; 2 pkts., 15c.

## Olds' Scabiosa Collection

1164C. Scabiosas make excellent bouquets that last for days. This collection will furnish a beautiful selection for cutting. Each collection consists of 1 pkt. each of the following: Rosette, Ageratum Blue, Loveliness, Salmon Beauty, Fire King and King of Blacks. Price: All six pkts. for only 35c, postpaid.

1172. STOCKS. H. A. Large Flowering Dwarf Ten Weeks. (Mixed.) The flowers appear on long, stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c; 2 pkts., 15c; ¼ oz., 30c.



Large Flowering Dwarf Ten Weeks' Stocks.

## OLDS' SNAPDRAGONS

### Olds' Snapdragon Collection

846C. Each collection consists of one full-sized packet of the following: Harmony, Terra Cotta and yellow shaded rose; Pinkie, clear pink; Shasta, white; Padre, bright crimson; Brilliant Rose, brilliant rose-red; Mr. L. L. Olds, yellow. No finer collection of Snapdragons could be desired by any gardener. The price is only 30c postpaid for all six packets.

844. University of California. Mixed. (Rust-Proof.) H. A. The University of California was very active in producing a strain of rust-proof Antirrhinum and this mixture was named after that university. Mixture contains practically all the colors to be found in Snapdragons and we are very proud to offer this most excellent mixture of rust-proof Snapdragons to our customers. Pkt., 10c; 2 pkts., 15c; ½ oz., 85c; oz., \$1.50.

840. Dwarf Mixed. Rust-Proof. (Nanum Maximum.) H. A. This strain has large flowers of many colors but grows 8 to 10 inches shorter than the Majus Grandiflorum, averaging about 20 inches in height. Pkt., 10c; 2 pkts., 15c; ¼ oz., 75c; ½ oz., \$1.35; oz., \$2.50.

841. Giant Fragrant. Mixed. Rust-Proof. H. A. (Maximum.) Grows 3 feet tall with long stalks of large flowers, two to three inches across. Our strain is the largest of all. Pkt., 10c; 2 pkts., 15c; ¼ oz., 75c; ½ oz., \$1.35; oz., \$2.50.

839. Rosalie. (Majus Grandiflorum.) Rust-Proof. H. A. A shade of rich deep rose. See page 41 for description and color illustration. Pkt., 15c; 2 pkts., 25c.

842. Mr. L. L. Olds. (Majus Grandiflora.) Rust-Proof. H. A. Huge yellow florets spaced on long strong stems. Pkt., 10c; 2 pkts., 15c.

834. Harmony. (Majus Grandiflorum.) Rust-Proof. H. A. Beautiful terra cotta and yellow, shaded rose. Height, 2½ feet. Pkt., 10c; 2 pkts., 15c.

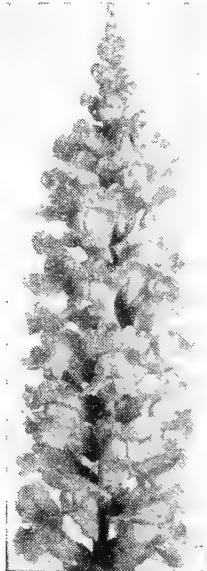
835. Shasta. (Majus Grandiflorum.) Rust-Proof. H. A. Pure white Snapdragon. 2½ feet in height. Pkt., 10c; 2 pkts., 15c.

836. Pinkie. (Majus Grandiflorum.) Rust-Proof. H. A. A rich clear pink. Height 2½ feet. Pkt., 10c; 2 pkts., 15c.

837. Padre. (Majus Grandiflorum.) H. A. Rust-Proof. Beautiful bright crimson. Spikes 2½ feet high. Pkt., 10c; 2 pkts., 15c.

838. Brilliant Rose. (Majus Grandiflorum.) Rust-Proof. 2½-foot. A true rose-pink. Pkt., 10c; 2 pkts., 15c.

843. Giant Ruffled Tetraploid Mixed. H. A. The first flower offered for sale that was produced by plant breeders with the use of the drug—Colchicine. Probably the largest flowering of all Snapdragons, measuring 2 to 2½ inches deep and 1¼ to 2¼ inches wide, some of which are ruffled. Spikes measure about 2½ ft. in height surrounded by lateral spikes of lesser height. Our mixture contains practically every color and combination of colors to be had in any strain of Snapdragons. Pkt., 25c; 2 pkts., 40c; ¼ oz., \$1.70; ½ oz., \$3.25; oz., \$6.00.



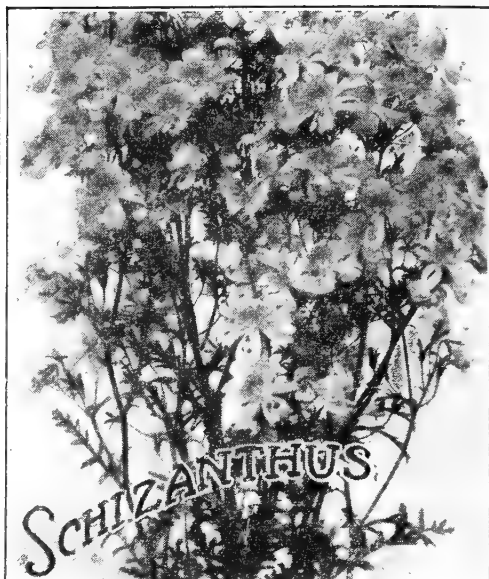
Giant Ruffled Tetraploid Snapdragon.

## CUT FLOWER GARDEN

1351. This mixture is made up of many attractive and easily grown annuals. Will please you with a succession of bloom from early spring until late fall. Extra large pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.



University of California Snapdragons.



1160. SCHIZANTHUS, Wisetonensis. H. A. Mixed. (Butterfly Flower.) One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many-colored flowers that the foliage is almost concealed. Pkt., 10c; 2 pkts., 15c.

## ANNUAL FLOWER GARDEN

12 PKTS. FOR 55c, POSTPAID.

600C. This collection is composed of a full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until frost. Alyssum, Little Gem; Snapdragon, Giant Fragrant; Bachelor's Button, Mixed; Balsam, Camellia Mixed; Calendula, Double Mixed; Scabiosa, Double Mixed; Celosia, Ostrich Plume; Cosmos, Colossal Mixed; Nasturtium, Double Gleam Mixed; Four O'Clock, Fine Mixed; Marigold, Mixed Dwarf French; Zinnia, Elegans Mixed.

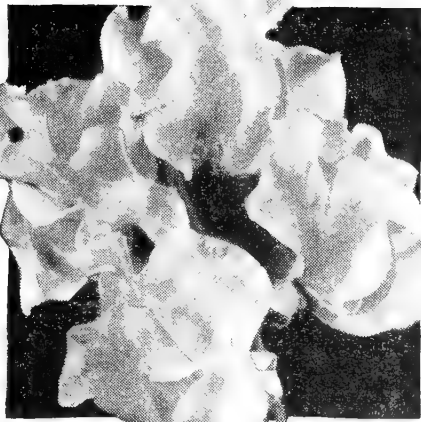
1302. THUNBERGIA. Alota. H. A. Black-Eyed Susan. A well-known trailing plant for training on stumps and fences. The leaves are heart shaped and the flowers creamy orange color with throat and eyes of dark blue or black. Blooms in mid-summer. Suitable for window boxes. Pkt., 10c; 2 pkts., 15c.

1140. RICINUS ZANZIBARIENSIS. H. A. (Castor Bean.) Stately, ornamental plants 8 to 10 feet tall, with picturesque foliage, giving a tropical effect. Excellent as a center plant in a flower bed. Note illustration below. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.



Ricinus (Castor Bean).

## OLDS' SWEET PEAS



Ruffled Spencer Sweet Pea.

1238. Ruffled Spencer Mixed. Ruffled Spencer Sweet Peas appear double because of the unusual duplexness and extra frilliness of the flowers. They are very large on long stems and it takes only a few to make an attractive bouquet. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.00.

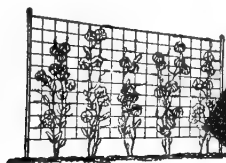
1200. Prize Mixed Grandiflora. We believe this is the best possible mixture of the old-fashioned sweet scented or grandiflora sweet peas. Flowers not as large as the Spencers but more highly scented. Many named varieties mixed. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

1201. Sunrise Mixed. (Early-flowering Spencers.) Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers large, frilled and fragrant. Pkt., 10c; 2 pkts., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

1203. Giant Spencers. Mixed. A long stem, well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.00.

1204. Shirley Temple. (Early Spencer.) Colossal blooms of soft rose-pink, beautiful beyond description, produced on strong, vigorous plants. Stems are long, containing four very large blooms. Will begin flowering a month earlier than the late Spencers and will continue to bloom along through with the late varieties. Pkt., 15c; 2 pkts., 25c; oz., 55c; ¼ lb., \$1.60.

1237. Jumbo. (Late Spencer.) The name describes the variety. Jumbo is probably the world's largest Sweet Pea grown today. Color lively deep cerise. We emphatically recommend this variety. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.



**NEW!  
DIFFERENT!**

## Weatherized TRELLIS NETTING

Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string—lasts several seasons.* In 3 sizes: No. 1, 60x72 in., 65c; No. 2 60x96 in., 85c; No. 3, 60x180 in., \$1.25. Postpaid.

# TRAIN-ETTS

1211. Ambition. Rosy lavender. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.

1212. Kames. We consider this the very best white. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.

1213. Welcome. A rich dazzling scarlet. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.

1214. Capri. Clear silver blue. Excellent. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.

1215. Elstree. Bright pink on cream background. Pkt., 10c; 2 pkts., 15c; oz., 30c.

1216. Matchless. Cream yellow. Large flowers. Pkt., 10c; 2 pkts., 15c; oz., 30c.

1217. Jack Hobbs. A flush scarlet-pink on cream ground. Very beautiful. Pkt., 10c; oz., 30c; ¼ lb., 85c.

1218. Royal Purple. Large, waxy flowers of a rich royal purple. The best purple. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.

1219. Warrior. Rich chocolate maroon. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.

1220. Youth. White, edged in a beautiful way with a delicate, soft rose pink. An unusually large and fragrant sweet pea. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 85c.

1235. Serenade. Large clear medium salmon. Pkt., 10c; oz., 30c; ¼ lb., 85c.

## SWEET PEA COLLECTION

1236C. Spencer Collection. Contains one packet each of the following named varieties: Ambition, Kames, Welcome, Elstree, Matchless, Jack Hobbs, Royal Purple, Warrior, Capri, Youth, Serenade and Jumbo. All twelve packets for only 60c, postpaid.



Venidium, Fastuosum.

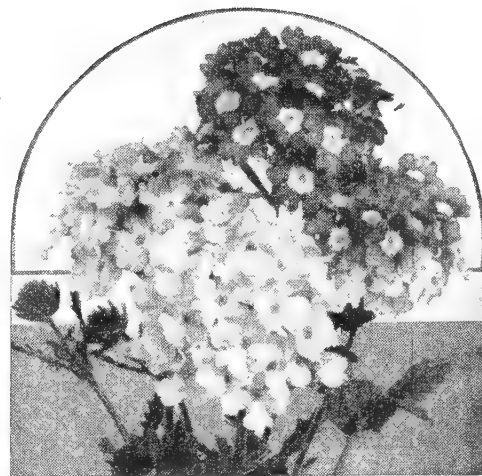
1308. VENIDIUM Fastuosum. (Monarch of the Veldt.) H. A. The plant of a silky gray color, grows about 3 feet tall; flowers are rich orange, daisy-like and about 4 inches in diameter with a purple-black zone at the base of the petals. The flowers are borne on long stiff stems which will keep for weeks in bouquets. Will make a very showy display late in the summer. Plant early in a sunny, well-drained location. Pkt., 20c; 2 pkts., 35c.

1315. WALLFLOWER. H. H. P. Early Flowering. Mixed. Half hardy perennials which are treated here in the North as annuals, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 10c; 2 pkts., 15c.



Vinca.

1303. CHINESE WOOLFLOWER. (Celosia Childsii.) H. A. A variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. Pkt., 10c; 2 pkts., 15c.



Royal Bouquet Verbenas.

## OLDS' VERBENAS

1304. Royal Bouquet Mixed. H. A. An upright type of Verbena coming in many brilliant colors. Plants are base branching, producing large flowers on stiff strong stems fifteen to eighteen inches long. Ideal for both bedding and cutting. Pkt., 15c; 2 pkts., 25c.

1305. Finest Mixed. H. A. A favorite old flower. Clusters of many bright colors borne from June until heavy frosts. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 80c.

1307. Beauty of Oxford Hybrids. (Hybrid Grandiflora.) H. A. A beautiful giant hybrid Verbena. The color shades from clear rose pink to rose red, making this the brightest rose Verbena ever produced from seed. The florets measure over an inch in diameter. Pkt., 15c; 2 pkts., 25c.

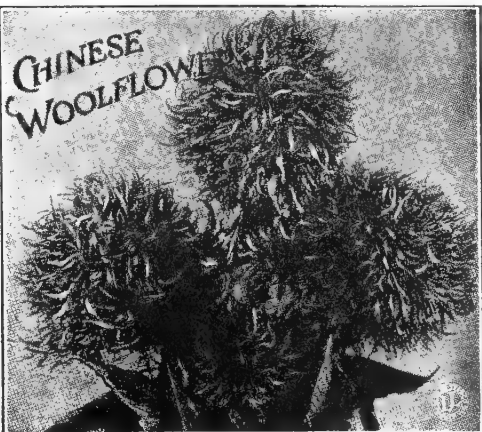
1306½. Brightness. H. A. A brilliant colored Verbena. See page 42 for color illustration and complete description. Pkt., 15c; 2 pkts., 25c.



Bush Verbena, Starlight.

1317. STARLIGHT. (Bush Type.) H. A. Instead of flat growing this type of Verbena grows in bush shape. They are about 8 to 10 inches high and 12 to 15 inches across. The flowering heads practically touching each other. Flowers are a bright mid-blue with a creamy white eye. Pkt., 20c; 2 pkts., 35c.

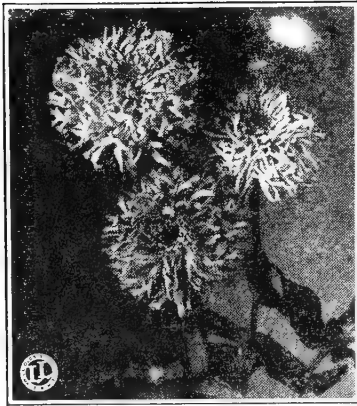
1318. SALMON QUEEN. (Bush Type.) H. A. Similar to Starlight above being bush type, but the flowers are a pleasing shade of bright salmon. Pkt., 20c; 2 pkts., 35c.





## OLDS' ZINNIAS

The Zinnia is the most popular annual grown today. It has few enemies, insects or fungus and will succeed on most all types of soil regardless of weather conditions.



Fantasy Zinnias.

1337. Fantasy Mixed. H. A. Zinnias today are probably the most popular flower in the home garden. In late years the more graceful small flowered types have been the most popular. The rounded flowers are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized double flowers. They are large enough to satisfy the desire for a mass of color yet small enough to lend themselves to graceful arrangement. The colors range from the brightest shades of red and orange to the popular pastel pinks and creams. We do not recommend transplanting the Fantasy type. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c.



Scabiosa Flowered Zinnias.

1338. Scabiosa Flowered Mixed. H. A. This Zinnia produces medium-sized flowers resembling the annual Scabiosa from which they derive their name. The free-flowering plants grow 2½ to 3 feet high, blooming throughout the season. While the color range includes all the popular shades, it is particularly rich in shades of crimson, scarlet, orange, yellow and pink. A small percentage will bloom single flowered. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c.

1335. California Giant Flowered Mixed. H. A. A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 75c.

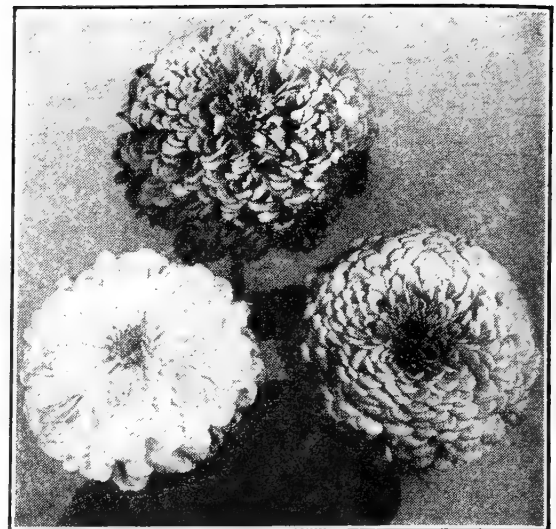
1340. Fantasy Star Dust. H. A. A deep golden-yellow true Fantasy type Zinnia. Flowers measure about 3 to 3½ inches across and are composed of twisted tuberos petals which give them appearance of Shaggy Chrysanthemum. Excellent for cutting. Pkt., 10c; 2 pkts., 15c.

1339. Haageana Mixed. H. A. This is a small flowering Mexican Zinnia which has a charm all its own. Note illustration below. The small flower is excellent for bedding and will make a brilliant display although the stems are long enough for fine bouquets for vases and bowls. The color range in our mixture is very attractive. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c.

1334. Elegans Mixed. (Pumila Dwarf, Double.) (Cut and Come Again.) H. A. This class of Zinnia has medium sized double flowers with long stems which make it especially fine for cut flowers. See illustration of small types of Zinnias. As the name implies, it is the Cut and Come Again type. Especially fine for massing in the garden as it produces a continuous succession of cut flowers throughout the summer. Height 2½ to 3 feet. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 75c.

1333. Linearis Orange. H. A. This little dwarf Zinnia much resembles a Daisy. It begins to flower when the plants are about six inches tall and keeps right on throughout the season until the late frosts of autumn. Flowers are single and a lovely shade of golden-orange with a delicate lemon-yellow stripe through each petal, while the center is a dark brown with the young flowers turning to golden-orange as the flower develops. Plants reach a height of eight to ten inches, and with plenty of room for development,

they spread as much as two feet in a season. Literally hundreds of flowers are open at a time. It is excellent for borders or edging. See inside back cover for color illustration. Pkt., 15c; 2 pkts., 25c.



Gold Medal Dahlia Flowered Zinnias.

### DAHLIA FLOWERED ZINNIAS

1336. Dahlia Flowered, Mixed. H. A. A type of Zinnia characterized by large size fullness of petal, extraordinary color range and good keeping quality. Resembles dahlias in size and appearance. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 75c.

1331. Crimson Monarch. H. A. This truly remarkable deep red Zinnia has proven very popular. Has enormous flowers, often 8 inches across, of the brightest crimson scarlet. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.

1345. Canary Bird. H. A. Rich canary yellow. Pkt., 10c; 2 pkts., 15c.

1346. Exquisite. H. A. Light rose with deep rose center. Pkt., 10c; 2 pkts., 15c.

1341. Polar Bear. H. A. Large creamy white. Pkt., 10c; 2 pkts., 15c.

1342. Purple Prince. H. A. Rich purple. Pkt., 10c; 2 pkts., 15c.

1343. Oriole. H. A. Orange and gold bi-color. Pkt., 10c; 2 pkts., 15c.

### DAHLIA FLOWERED ZINNIA COLLECTION

1325C. This beautiful collection of Giant Dahlia-Flowered Zinnias contains one full size package of each of the following gorgeous Zinnias. Special price, 25c.

CRIMSON MONARCH—Brightest crimson scarlet.

CANARY BIRD—Rich canary yellow.

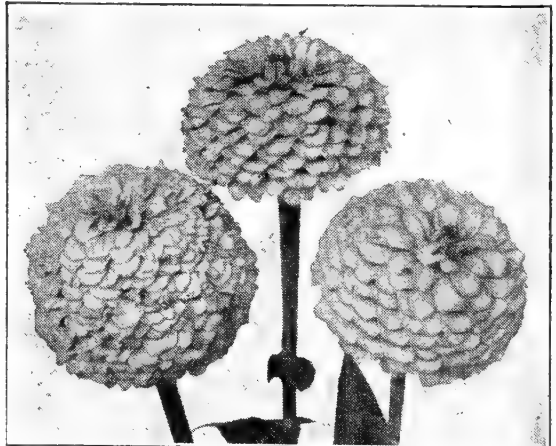
EXQUISITE—Light rose with deep rose center.

POLAR BEAR—Large creamy white.

PURPLE PRINCE—Rich purple.

ORIOLE—Orange and gold bi-color.

1330. Lilliput or Pompon, Mixed. H. A. The plants are small, forming little bushes which fairly bristle with very double bright flowers, only one to two inches in diameter. Average height, about 12 inches. Will bloom all summer and late in the fall. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.



Pompon or Lilliput Zinnias.

"Just a line to let you know your Wisconsin 55 tomato was a miracle. Not set out until May 29 and were simply loaded when our first killing frost came about November 10. They bore steadily all through the late summer and fall."

—E. E. Lake,  
Kansas.



Tiny Tim Cupid Zinnia.

1347. Tiny Tim Cupid. H. A. An improved red riding-hood. Plants one foot tall with many slender branches each bearing a double brilliant scarlet flower about one inch in diameter. Fine for borders as well as cutting. Blooms from summer to frost. Pkt., 10c; 2 pkts., 15c.

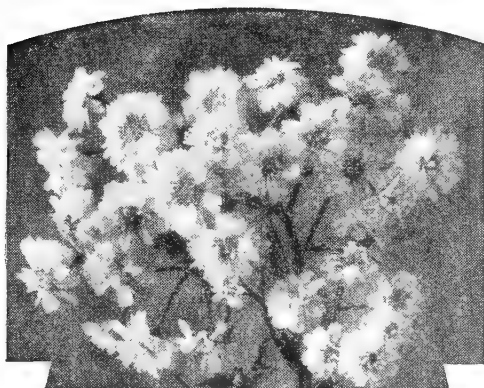
1332. Fantasy Wildfire. H. A. A bright red Zinnia of the Fantasy type. See page 43 for complete description and colored illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 55c; oz., 90c.

1348. Fantasy Melody. H. A. A Fantasy type Zinnia in an unusual shade. A striking and distinct vivid lavender. See page 40 for color illustration and description. Pkt., 15c; 2 pkts., 25c.

1349. Lilliput, Dainty Gem. H. A. This was the first named variety of the Lilliput type Zinnia for us to offer. A fascinating bicolor red and pink on long wiry stems. See page 41 for color illustration and complete description. Pkt., 15c; 2 pkts., 25c.

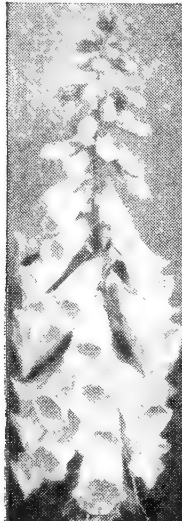


# OLDS' PERENNIAL FLOWER SEEDS



The Pearl Achillea.

820. **ACHILLEA**. The Pearl. H. P. Pure white double flowers on plants growing about two feet high. Flowers from June to August. Fine for cutting. Pkt., 20c; 2 pkts., 35c.



Digitalis.

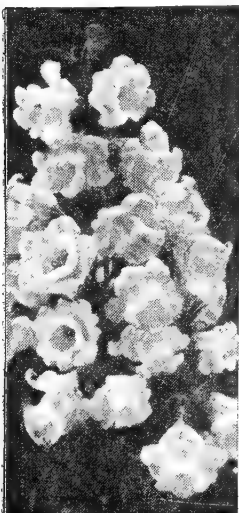


Aquilegia.

845. **AQUILEGIA**. (Mrs. Scott Elliott's long spurred strain.) H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers. See page 42 for color illustration. Pkt., 20c; 2 pkts., 35c.

958. **DIGITALIS**. H. B. (Foxglove.) Giant Shirley Mixed. Handsome spires of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. See page 43 for color illustration. Pkt., 15c; 2 pkts., 25c.

824. **ANEMONE CORONARIA**. St. Brigid's. Double Mixed. H. P. One of the most beautiful flowering perennials. Double poppy like flowers on 12-inch plants. This strain has a wonderful array of color. Combinations of red, blue and white. Seeds germinate slowly. Pkt., 20c; 2 pkts., 35c.

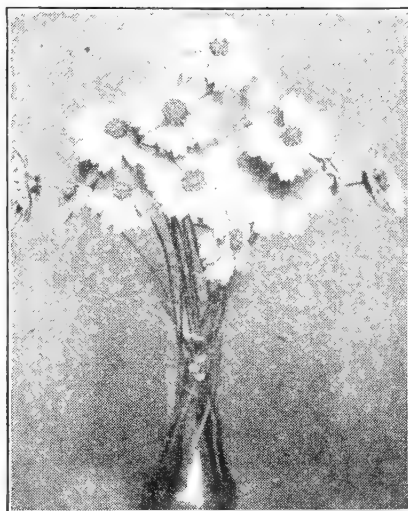


Canterbury Bells.

833. **ALYSSUM**, SWEET. (Gold Dust.) H. P. (Compactum Saxatile.) A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c; 2 pkts., 15c.

895. **CANTERBURY BELL**S. Campanula Medium. H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.

896. **CANTERBURY BELL**S. (Campanula Medium Calycanthema.) H. B. Cup and Saucer. This is a very interesting species of Canterbury Bell, the calyx forming a saucer around the base of the cup-like bell. Pkt., 15c; 2 pkts., 25c.



Mayfield Giant Coreopsis.

877. **COREOPSIS**. H. P. Lanceolata. One of the finest hardy perennials. Yellow, daisy-like flowers in great profusion. Pkt., 10c; 2 pkts., 15c.

847. **BAPTISA AUSTRALIS**. Blue. H. P. Beautiful blue Lupine-like flowers on three to four feet high, spreading, bushy plants. Leaves bluish green. Flowers in June and July. Pkt., 10c; 2 pkts., 15c.

862. **BEGONIA**. T. P. Single Mixed. The well-known perpetual blooming house plant. Easily grown from seed. Pkt., 20c; 2 pkts., 35c.

900½. **CARNATION**. H. P. Dwarf Vienna Mixed. Quite hardy with ordinary protection. Large, double flowers, produced in succession all summer. Pkt., 20c; 2 pkts., 35c.

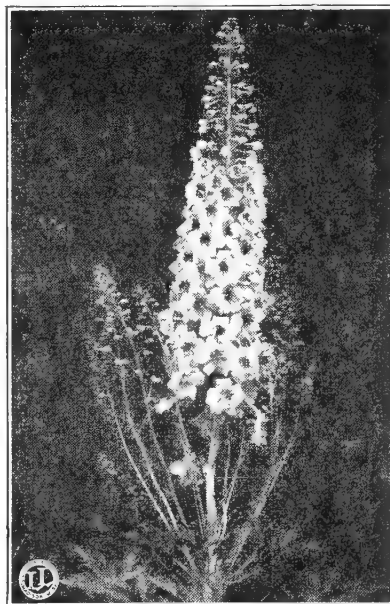
957. **DIANTHUS PLUMARIUS**. Clove Pink Mixed. H. P. A beautiful hardy perennial single pink with fringed edge flowers in various colors. Pkt., 10c; 2 pkts., 15c.

1300. **DIANTHUS BARBATUS**. (Sweet William.) H. P. Mixed. Fine border plants growing 18 to 24 inches tall. See page 42 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; oz., \$1.30.

940. **DAISY BELLIS MONSTROSEM**. Double Finest Mixed. H. P. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 25c; 2 pkts., 45c.

## NATURAIN

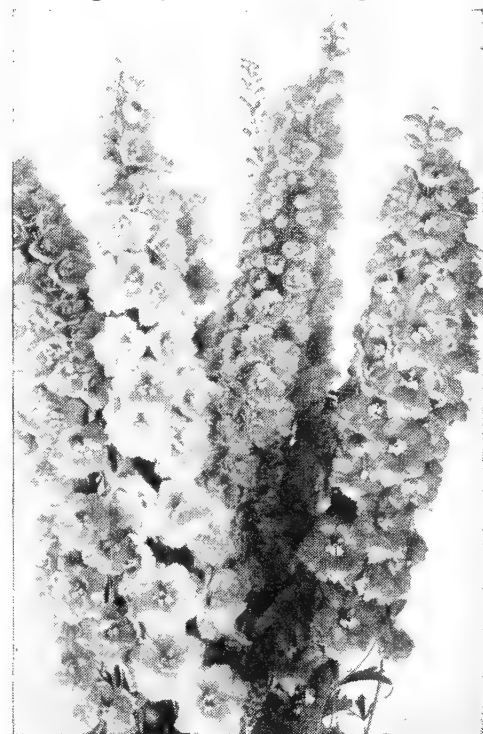
The new irrigation unit that every gardener should have. See page 36.



Olds' Hollyhock Strain Delphinium.

Perennial flower seeds may be planted throughout the summer but the very best time, we would say, is just the time when the particular plant in question naturally ripens its seed. Planting instructions on each packet. Keep this seed book. You may want to order some of these seeds for summer planting. See page 29 for perennial plants.

## OLDS' DELPHINIUMS



Pacific Giant Delphiniums.

1019½. **PACIFIC GIANTS**. H. P. Mixed. Here is a remarkable strain of Delphinium developed on the Pacific Coast. Flowers are extremely large and well formed, 2½ to 3½ inches in diameter, symmetrically spaced and well balanced on a thin woody stem, practically 100 per cent double. This strain, although probably being the largest strain of Delphinium so far introduced, is also practically mildew resistant. The seed we offer includes many shades of colors including dark blue, violet, lavender, light blue, and white. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.00; ½ oz., \$1.75; 1 oz., \$3.25; oz., \$6.00.

1009. **BLACK KNIGHT SERIES**, Pacific Giant. H. P. The darkest of all the Pacific Giant Delphiniums. Individual flowers 2½ inches to 3 inches in diameter. A beautiful round form with heavy velvety texture which gives the color luminosity and vividness not seen before in Delphiniums. Long well formed spikes. Pkt., 30c; 2 pkts., 50c; 1/16 oz., \$1.00.

1021. **GALAHAD SERIES**, Pacific Giant. H. P. Clear white of enormous size averaging 3 inches in diameter of individual flowers with very heavy, glistening texture pyramidal spikes with well spaced flowers. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.00.

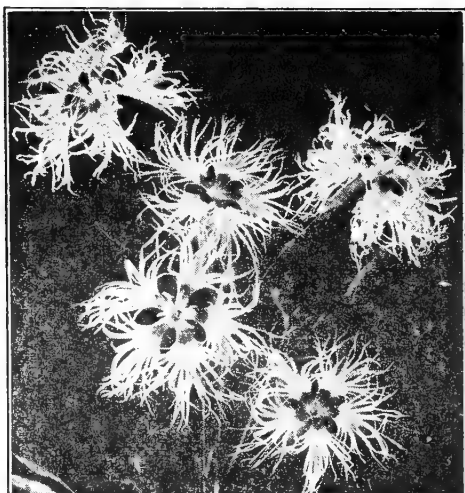
1022. **GUINEVERE SERIES**, Pacific Giants. H. P. Light pink-lavender self with white bee. Individual flowers 2½ inches to 3 inches in diameter. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.00.

1024½. **SUMMER SKIES SERIES**, Pacific Giants. H. P. Clear light blue with white bee. Individual florets 2 to 2½ inches in diameter. Ideal for cut flower purposes. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.00.

1017. **BELLADONNA**. H. P. Spires of finest sky blue. This hybrid strain is of wonderful beauty; growing to 6 feet in height. Pkt., 15c; 2 pkts., 25c.

1019. **HOLLYHOCK**. H. P. Strain Mixed. One of the finest of all types of Delphiniums. The mixture contains all of the colors in Delphiniums including both double and single flowering varieties. Individual blooms have actually measured three inches across. Plants are from 5 to 6 feet tall. Planted this summer they should bloom next year and every year thereafter. Pkt., 20c; 2 pkts., 35c; ¼ oz., 85c; ½ oz., \$1.50; 1 oz., \$2.75; oz., \$5.00.





Dianthus Loveliness.

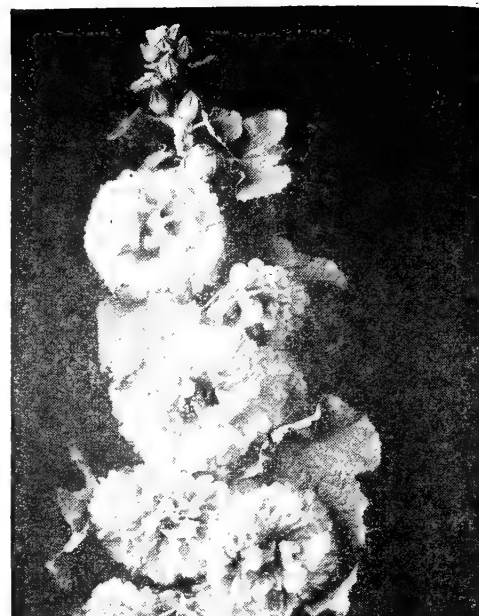
955. **DIANTHUS SUPERBA.** Loveliness. H. P. The flowers have lacerated petals of an exquisite mauve tinge and the plants grow to about one foot in height. It is very highly perfumed and we advise our customers to plant this beautiful little flower in the garden if for no other reason than its fragrance. Pkt., 20c; 2 pkts., 35c.



Gypsophila (Baby's Breath).

993. **GYPSOPHILA PANICULATA ALBA.** H. P. (Baby's Breath.) Single Perennial. The flowers are small, star-like, and borne in feathery sprays. The small white minute flowers used by florists in making bouquets. Can be dried for winter also. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 35c; oz., 60c.

992. **GYPSOPHILA OLDHAMIANA.** H. P. (Pink Baby's Breath.) A pink variety growing about three feet high. The fragrant pink flowers are about one-fourth inch in diameter. Pkt., 20c; 2 pkts., 35c.



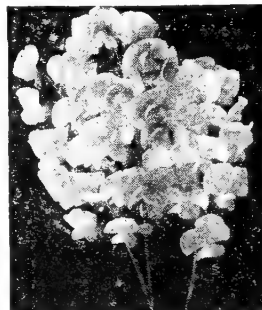
Double Mixed Hollyhock.

1005. **HOLLYHOCK.** H. B. Chater's Double Mixed. Stately stalks of velvet bloom. Giant double flowers of red and pink and white. Pkt., 10c; 2 pkts., 15c.

1006. **HOLLYHOCK.** H. B. Triumph Mixed. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white margined petals, each adorned with a large blotch of various shades of red. Pkt., 10c; 2 pkts., 15c.

1115. **PHLOX.** Decussata Mixed. H. P. Seed from the newest varieties of perennial phlox. Plant in August. Seed will not usually sprout until spring. Pkt., 20c; 2 pkts., 35c.

966 1/2. **STATICE.** H. P. *Latifolia.* Thick branching plumes of deep blue flowers resembling Baby's Breath. Pkt., 15c; 2 pkts., 25c.



Lathyrus Latifolus.

1020. **LATHYRUS LATIFOLUS.** (Perennial Sweet Pea.) Mixed. H. P. Similar to the annual kind but continuing year after year. Shades of pinks and white. Pkt., 20c; 2 pkts., 35c.

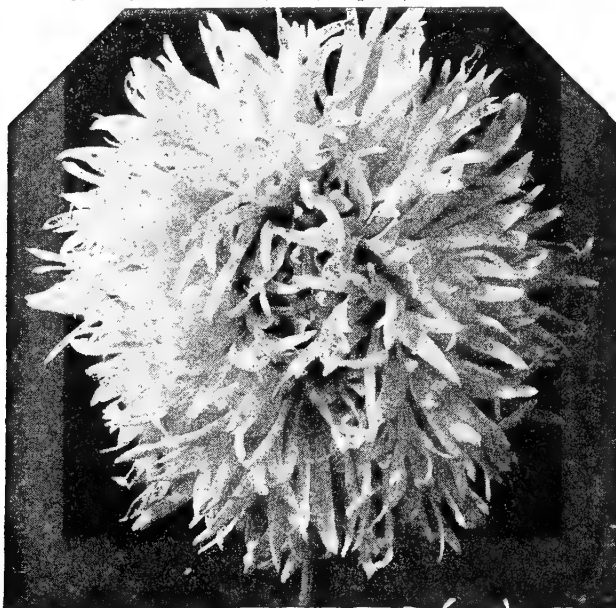
998. **HEUCHERA.** Splendens. (Coral Bells.) H. P. From the mound of heart-shaped leaves, tall graceful spikes appear bearing pink flowers in clusters. Excellent for front row of borders and rockeries. Pkt., 25c; 2 pkts., 45c.



SHASTA DAISY

944. **SHASTA DAISY.** *Chrysanthemum Leucanthemum.* H. P. (Giant Alaska.) A splendid, hardy perennial producing on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. See color illustration page 42. Pkt., 15c; 2 pkts., 25c.

946. **SHASTA DAISY.** New Double (*Chrysanthemum Leucanthemum.*) H. P. This strain includes an assortment of various types of double flowers ranging from fully double-fringed petals through semi-double to a type which, though single, forms an unusually beautiful shaped flower with laciniated colored and quilled petals. The large flowers are carried on long, wiry stems. Pkt., 25c; 2 pkts., 45c.



Double Shasta Daisy.



Hardy Gaillardia Grandiflora.

#### OLDS' GAILLARDIAS

986. **MIXED GRANDIFLORA.** (Blanket Flower.) H. P. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Grows about 2 feet tall. Pkt., 10c; 2 pkts., 15c.

982. **BURGUNDY.** H. P. Shining wine red Gaillardia. Highly recommended. Pkt., 15c; 2 pkts., 25c.

983. **TANGERINE.** H. P. A striking variety of Gaillardia. The color is rich tangerine or orange red. Pkt., 15c; 2 pkts., 25c.

984. **DAZZLER.** H. P. An exceptionally large, dark red with the petal tips of bright orange. The best giant red offered today. Pkt., 10c; 2 pkts., 15c.

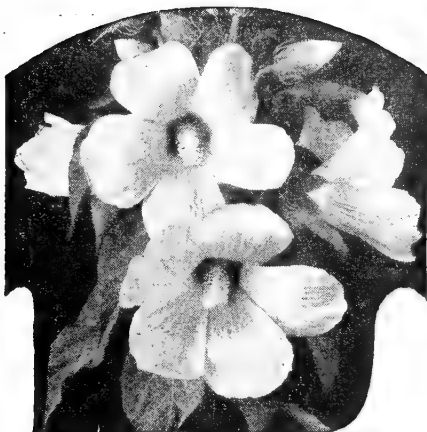
987. **GERANIUM.** T. P. Mixed. The popular house and window-box plant. Blooming plants can be grown from seed the first year. Pkt., 25c; 2 pkts., 40c.

1156. **SCABIOSA.** *Caucasica* Hybrids. H. P. The perennial Scabiosas bloom from June to October and require little space and thrive in ordinary soil. They are of great value to the gardener as the graceful flowers in delicate shades of blue and lavender borne on long and erect stems make them very valuable as cut flowers throughout the season. Grow to 18 inches in height. See inside back cover for color illustration. Pkt., 20c; 2 pkts., 35c.



Heuchera (Coral Bells).





Hibiscus.

**1002. HIBISCUS OR MALLOW MARVELS.** Mixed. H. P. (Peach Blow.) Beautiful large single flowers 3 to 5 inches across on plants 4 to 5 feet high. Sow seed in flats about the last of April to early July. Transplant in September to permanent location. Pkt., 10c; 2 pkts., 15c.



Pyrethrum, Roseum.

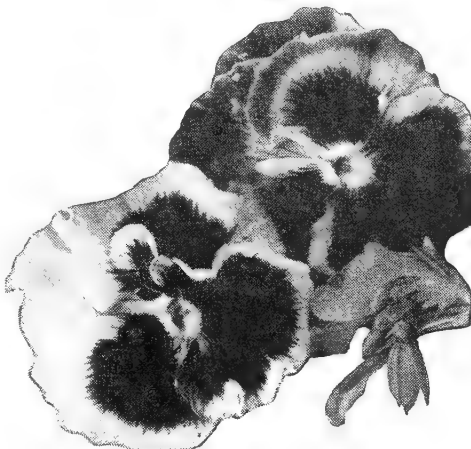
**945. PYRETHRUM, Roseum.** H. P. (Painted Daisy.) A valuable early summer flower. Charming shades of pink and red daisy-shaped flowers blooming freely in May and June, often blooming again in the fall. Pkt., 15c; 2 pkts., 25c.

## OLDS' PANSIES

**1075. Swiss Giants, Prize Mixed.** P. Enormous blossoms three inches and over in diameter. Perfectly round without overlapping petals borne on long stems above the foliage. Petals are thick and a rich velvety texture. Beautiful combinations of colors. Pkt., 20c; 2 pkts., 35c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; 1/2 oz., \$4.00; oz., \$7.50.

**1079. Giant Trimardeau Mixed.** P. A choice strain of Pansy. Very large flowers. Does not have the color range of the Giant Prize Mixed. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 75c; 1/4 oz., \$1.35; 1/2 oz., \$2.25; oz., \$4.00.

**1076. Engelmann's Giants.** H. H. P. An English strain of Pansy. See page 43 for color illustration and complete description. Pkt., 35c; 2 pkts., 65c; 1/16 oz., \$1.25; 1/8 oz., \$2.25; 1/4 oz., \$4.25; 1/2 oz., \$8.00; oz., \$15.00.



Swiss Giant Prize Mixed Pansies.



Red Oriental Poppy.

**1128 1/2. POPPY.** Red Oriental. H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. They transplant best in August. See page 42 for color illustration. Pkt., 15c; 2 pkts., 25c.

## OLDS' VIOLAS

While the Viola Cornutus are biennials they can be grown as annuals by planting in March or April. Very popular because of their free flowering habits and their dwarf spreading growth which make them ideal for front row planting in the border or for small beds.



Violas.

**1311. Arkwright Ruby.** H. B. Beautiful ruby-crimson shading to terra cotta. Pkt., 25c; 2 pkts., 45c.

**1313. Lutea.** H. B. Bright clear yellow on plants about eight inches in height. Pkt., 20c; 2 pkts., 35c.

**1312. Chantreyland.** H. B. The best free flowering apricot. Pkt., 25c; 2 pkts., 45c.

**1316. Mixed.** H. B. A blending of choice cornuta type varieties. Pkt., 20c; 2 pkts., 35c.



Giant Pentstemon.

shaped flowers resembling somewhat a Foxglove. Pkt., 20c; 2 pkts., 35c.

## CRAB GRASS KILLER

**TAT-C-LECT.** While testing phenylmercuriacetate at the Rhode Island State College in 1946 for the control of fungus diseases in turf grasses it was discovered that this chemical had also killed nearly all the crab grass plants present in the turf. This immediately touched off efforts to formulate a product that would eradicate this widespread lawn enemy, and yet would not endanger the best lawn grasses.

Tat-C-Lect is the result of this experimentation and testing. It was first offered in the late spring of 1947, and is today generally accepted as the outstanding selective crab grass killer. It is a concentrated solution which is mixed with water according to directions, then applied to the lawn with a sprinkling can or a pressure sprayer. We recommend reseeding lawn areas choked by crab grass in August and early September. Prices: 1/2 pt., makes 8 gallons, 85c; pt., makes 16 gallons, \$1.50, postpaid.

## TERESAN



A new product of DuPont that is an exceptionally effective non-mercurial for prevention or control of large Brown Patch and Dollar Spot on lawns, golf courses, grass tennis courts, and other fine turfs. Don't let turf diseases ruin your lawn when they can be so easily controlled with this material. Easily and uniformly applied by sprayer or sprinkler. Readily mixes with water.

Prices: 8-oz. can, 80c; 4-lb. can, \$5.16, postpaid. Not prepaid by freight or express f. o. b. Madison: 25-lb. drum, \$30.00; 100-lb. drum, \$115.00.

# Olds' Lawn Grass Mixtures

Good seed is the first requisite for a beautiful lawn. Regardless of the effort and money spent on a lawn, inferior seed will produce a poor lawn. Olds' Lawn Grass Seed has won a reputation for producing fine lawns and is widely used by critical landscape gardeners. All our mixtures are made of high-quality, heavy seed that is free from chaff, and none of our mixtures contains timothy or cheap seeds.

### LAKES LAWN GRASS

A good mixture at a low price. We have been making it for years and it has given general satisfaction. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., 80c; 5 lbs., \$3.50. By freight or express f. o. b. Madison: 10 lbs., \$6.10; 100 lbs., \$58.00.

### CAPITAL LAWN GRASS

Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover.

By mail: Lb., 85c; 5 lbs., \$3.95. By freight or express f. o. b. Madison: 10 lbs., \$7.20; 100 lbs., \$69.00.

### MADISON PARKS LAWN GRASS

A very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportion. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 95c; 5 lbs., \$4.25. By freight or express f. o. b. Madison: 10 lbs., \$7.50; 100 lbs., \$72.00.

### WISCONSIN SHADY MIXTURE

A fine mixture that has proven wonderfully successful in dense shade. Contains high priced grasses that are especially adapted to shaded locations. There is an increasing demand for a lawn grass that will really do well in the shade. We recommend this mixture. Shady Grass does best if planted in the early fall.

By mail: Lb., 90c; 5 lbs., \$4.00, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$7.30; 100 lbs., \$70.00.

When you buy Lawn Grass Seed, balance the analysis tag with the price. Cheap seed is not a bargain.

# OLD'S FIELD SEEDS

## OLDS' ALFALFA SEED

(Sow 12 to 15 pounds to the acre.)

### WILT RESISTANT ALFALFAS CERTIFIED RANGER ALFALFA

A new bacterial wilt-resistant alfalfa developed through the cooperative efforts of the Nebraska Agricultural Experiment Station and the United States Department of Agriculture. It is a multiple strain variety, having been synthesized from selections originating from Cossack, Turkistan, and Ladak. It exhibits considerable variability, both in habit of growth and flower color, being distinctly variegated in the latter. The plants vary in habit of growth from decumbent to upright. It has greater rapidity of recovery after cutting than Ladak or Cossack, being about the same as Grimm in this respect. It is equal in seed production, forage production, and cold resistance to Grimm. The outstanding characteristic of Ranger Alfalfa is that it is resistant to the bacterial wilt disease. It is superior to all domestic strains including the Turkistans. Seed supply short so order early. Prices: Certified Seed, Old Gold Brand: Lb., \$1.30; 5 lbs., \$6.35, postpaid. By freight or express, f. o. b. Madison: Pk., \$15.75; bu., \$60.00.

### CERTIFIED BUFFALO ALFALFA

A new alfalfa produced at the Kansas Agricultural Experiment Station in cooperation with the Federal Bureau of Plant Industry, Soils, and Agricultural Engineering. It was selected from an old line of Kansas Common Alfalfa traceable back as far as 1907 as a Kansas-grown strain. It was bred for bacterial wilt-resistance, seed and forage productivity without losing the valuable characteristics of the original Kansas Common strain. It has a bluish-purple flower. Can be grown wherever Kansas Common Alfalfa is satisfactory. Superior to Common because of the more rapid recovery after cutting and its larger fall growth, as well as its resistance to the bacterial wilt disease. Prices, Certified Seed, Old Gold Brand: Lb., \$1.35; 5 lbs., \$6.60, postpaid. By freight or express, f. o. b. Madison: Pk., \$17.25; bu., \$66.00.

### CERTIFIED LADAK ALFALFA

In 1910, Experiment Stations in the northern plains states received samples of alfalfa seed from northern India produced at an altitude of 12,000 feet where the rainfall is about four inches a year and blizzards occur throughout the season. These plantings proved it to be harder than all alfalfas including the Grimms, and that it was very drought-resistant and tolerant to bacteria wilt. The plant is fine stemmed and leafy producing a fine quality hay.

Prices, Old Gold Brand: Lb., \$1.05; 5 lbs., \$5.00, postpaid. By freight or express, f. o. b. Madison: Pk., \$12.90; bu., \$49.75.

### CERTIFIED COSSACK ALFALFA

A very hardy type of alfalfa introduced from Siberia. It is a cold and drought-resistant alfalfa and a heavy yielder. Seems to do better on heavy clay soil than the other types. The most important feature of Cossack Alfalfa is its resistance to alfalfa wilt.

Prices, Old Gold Brand: Lb., \$1.05; 5 lbs., \$5.00, postpaid. By freight or express, f. o. b. Madison: Pk., \$12.90; bu., \$49.75.

### CERTIFIED GRIMM ALFALFA

Grimm Alfalfa is well known as the hardest Alfalfa. It is usually distinguishable from Common Alfalfa as the blossoms are variegated in color, yellow, green, blue, brown instead of purple. The root system is branching and the crown of the plant is usually set lower. All our Grimm seed is "State Sealed and Certified."

Certified Northern Grimm Alfalfa is produced in the northern states which include Montana, Minnesota, Wyoming and the Dakotas. Climatic conditions are very severe in these states. Therefore, they are of equal hardness. All Certified Seed is premium seed, 99.25 purity and 90 germination or better.

Prices, Old Gold Brand: Lb., \$1.05; 5 lbs., \$5.00, postpaid. By freight or express, f. o. b. Madison: Pk., \$12.75; bu., \$49.00.



A field of Ladino Clover.

Olds' seeds have been known for their reliability for over half a century. We are proud of our stocks and believe that there are none better. Our Old Gold Brand seeds represent the best grade obtainable as it is the finest that nature can produce. When you buy your field seeds, insist upon Old Gold Brand seeds. Dependable dealers throughout the north central states handle our seeds for they give the best results and satisfaction wherever they are planted. If your dealer cannot supply you with our seeds, send us your order direct. The prices quoted were based on market value at the time this book goes to press, and are strictly subject to change. We furnish sacks and bags free on all field seed orders unless otherwise noted. Prices are f. o. b. Madison unless otherwise quoted.

All our Alfalfa seeds are U. S. verified as to origin. They are all northern grown, adaptable to the north central states, and will be eligible for Soil Conservation payments.

"Verified Origin" means that a U. S. Government tag will appear on every bag verifying the statement as to the locality where the seed was grown. All our alfalfa seed is put up in bushel sacks.



A fine field of Wisconsin Alfalfa.

## HARDY NORTHERN ADAPTABLE ALFALFA SEEDS

Available supplies in adaptable hardy Northern Alfalfa seed suitable for planting in the north central states is very scarce this year. If we have an above normal demand this spring there will not be enough hardy alfalfa seed available. According to the United States Department of Agriculture report on alfalfa seed production in 1948 it is indicated that the seed crop is the smallest in sixteen years, 44 per cent less than 1947 and 24 per cent less than the past ten-year average.

Our stocks of all alfalfa seeds are of the highest quality and purity, processed by the latest and most modern cleaning machinery, so as to remove all undesirable seeds. All of our alfalfa seed will be premium seed, 99.25 per cent or better pure; 90 per cent or better germination and packed in our Old Gold bushel bags.

### HARDY DAKOTA ALFALFA

Hardy Dakota is a leader with us in Common Alfalfa. We have a splendid stock of beautiful pure seed, all from the Black Hills region of western South Dakota. It is all dry land seed. The unusual hardness of our Black Hills Dakota seed is no doubt largely due to the fact that it is produced on dry soil where climatic conditions are very severe. Prices, Old Gold Brand: Lb., 90c; 5 lbs., \$4.25, postpaid. By freight or express, f. o. b. Madison: Pk., \$10.80; bu., \$41.00.

### HARDY MONTANA ALFALFA

Montana Alfalfa for many years has had the reputation of being one of the hardest of all common alfalfas grown in the United States. Our stock is all bright, clean seed of fine quality.

Prices, Old Gold Brand: Lb., 90c; 5 lbs., \$4.25, postpaid. By freight or express, f. o. b. Madison: Pk., \$10.95; bu., \$42.00.

### HARDY WISCONSIN ALFALFA

We have a fine stock of Genuine Wisconsin Grown Alfalfa Seed, mostly, if not all, from Grimm seed, although we do not offer it as Grimm. This seed is thoroughly acclimated. Considered by many the most valuable alfalfa for sowing in Wisconsin.

Prices, Old Gold Brand: Lb., 90c; 5 lbs., \$4.25, postpaid. By freight or express, f. o. b. Madison: Pk., \$10.80; bu., \$41.00.

### CANADIAN VARIEGATED ALFALFA

Canadian Variegated grows and looks very much like Grimm Alfalfa. It is not quite as hardy but harder than the Northwest common Alfalfas. It does not produce quite as much as common but is much surer where winter-killing is a serious factor. Our stock is Canadian seed.

Prices, Old Gold Brand: Lb., 90c; 5 lbs., \$4.25, postpaid. By freight or express, f. o. b. Madison: Pk., \$10.65; bu., \$40.50.

### FANCY KANSAS ALFALFA

Kansas Alfalfa has proved itself very desirable for Wisconsin. At the Wisconsin Experiment Station they place it next to Montana and Dakota for hardness. Our seed is beautiful bright seed.

Prices, Old Gold Brand: Lb., 85c; 5 lbs., \$4.00, postpaid. By freight or express, f. o. b. Madison: Pk., \$10.20; bu., \$39.00.

## OLDS' LADINO CLOVER

Ladino is a perennial giant form of White Dutch Clover which spreads by surface runners that root at the joints. The main branch of the runners lie flat on the ground, but the leafy stalks which produce the foliage grow from 15 to 24 inches tall and the leaves resemble in size and shape those of Red Clover. It is excellent for pastures, and should not be grown alone except for seed purposes. Excellent on lowlands where alfalfa will not thrive in mixtures with other clovers or grasses and is much better than the ordinary White Dutch Clover in pastures. Sow seed at the rate of 3 to 4 lbs. per acre, depending upon type of soil. It does well on moist land and for lowland pastures we recommend a mixture of 2 lbs. Ladino Clover, 3 lbs. Medium Clover and 8 lbs. Brome Grass. On upland, 8 lbs. Alfalfa, 3 lbs. Red Clover, 1 lb. Ladino Clover and 8 lbs. Brome Grass. Will last about four to seven years.

Prices, Certified, by mail: 1 to 10 lbs., \$3.00 lb., postpaid. F. o. b. Madison: 10 lbs. or more, \$2.90 per lb. Standard stock, by mail: 1 to 10 lbs., \$2.90 per lb., postpaid. F. o. b. Madison: 10 lbs. or more, \$2.80 per lb.

# OLDS' CLOVER SEED

## OLDS' HARDY NORTHERN CLOVER SEED

SQW TESTED CLEAN SEED

If you want the maximum returns from your land, do not plant country run clover seed or seed supplied you from a neighbor that has not been tested and cleaned. This is the way foul weeds are introduced to your land. Seed containing only 75% pure clean seed is an extravagant buy even if the price is one-half that of good clean seed showing a purity of 99% or better. All the seed that we have to offer is Hardy Northern grown, mostly Wisconsin. It is fine bright seed, plump and high testing. Plant seed that you can depend upon. Insist on having Olds' Old Gold Brand "Known for Reliability" Clover Seed.

Our Old Gold Brand represents the best and tests around 99.5% pure. Our Lakes Brand is fine clean seed, free of noxious weeds, but does not show as high a purity test. It usually runs 98% and higher.

**PLEASE NOTE:** Our clover seed is all Hardy Northern grown and is eligible for Soil Conservation payments.

### ALSIKE CLOVER (NORTHERN GROWN)

(Sow 5 to 6 pounds to the acre.)

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding. Our Alsike is northern Wisconsin and Minnesota grown.

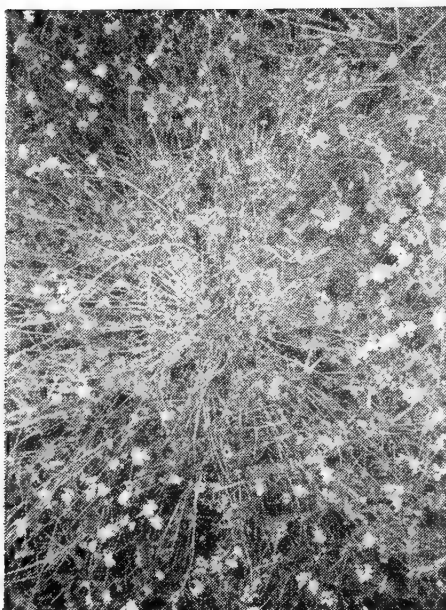
## NOD-O-GEN Inoculator

If you are growing soy beans, clovers and other legumes without inoculation you are *actually robbing your soil*. You are taking out more nitrogen than you are putting back.

Inoculate with NOD-O-GEN and you'll build up your soil while getting bigger crops and richer feed. Leading farmers do it. NOD-O-GEN is easy to use but costs only a few cents an acre. Has increased yields 20%, 30% and more. An old reliable product which stands high in State and Federal checkups.

#### PRICES, HUMUS TYPE ONLY:

- Group 1. Alfalfa, Sweet Clover, Bur Clover, Hubam Clover and Black Medic. Postpaid prices: 1 bu. size, 50c; 2½ bu. size, \$1.00.
- Group 2. Clovers: Medium Red, Mammoth, Alsike, and White Dutch. Postpaid prices: 1 bu. size, 50c; 2½ bu. size, \$1.00.
- Group 3. Lespedeza, all varieties: Postpaid price: Up to 100 lb. size, 50c.
- Group 4. Soybeans, all varieties. Postpaid prices: 2 bu. size, 30c; 5 bu. size, 55c; 25 bu. size, \$2.50; 30 bu. size, \$3.00.
- Group 5. Cowpeas, Peanuts, Lima Beans. Postpaid prices: 2 bu. size, 30c; 5 bu. size, 55c; 25 bu. size, \$2.50.
- Group 6. Field and Garden Beans. Postpaid price: 1 bu. size, 35c.
- Group 7. All Vetches.
- Peas: Austrian, Canada, Garden. Postpaid price: 1 bu. size, 35c; 100 lb. size, 55c.



A plant of Birdsfoot Trefoil.

Prices, Old Gold Brand (98% purity or better): By mail, 1 lb., 65c; 5 lbs., \$2.95, postpaid. By freight or express f. o. b. Madison: Pk., \$6.95; bu. (60 lbs.), \$26.60. Sacks free.

Lakes Brand, 97% purity or better. Contains some White Dutch Clover and Timothy. Excellent for pastures. Prices by freight or express f. o. b. Madison: Pk., \$6.60; bu., \$25.30. Sacks free.

### MEDIUM RED CLOVER

(Sow 8 to 10 lbs. to the acre.) (WISCONSIN GROWN.)

Red Clover is the most largely grown and generally useful legume crop in America. In feeding value, the hay ranks next to alfalfa and as a soil builder it is the equal of any and superior to most. It should be grown on every farm where soil and climatic conditions permit as it is well adapted to growing in rotation. Red Clover is grown chiefly for hay and occasionally for pasture to plow under to improve the soil. It is a biennial and will last for two seasons under good conditions. Requires a medium fertile to rich sweet soil with good drainage.

Prices, Old Gold Brand (99.25 Purity Premium Seed): By mail, 1 lb., 80c; 5 lbs., \$3.75, postpaid. By freight or express f. o. b. Madison: Pk., \$9.45; bu., (60 lbs.), \$36.60; 3 bu. at \$36.50 per bu. Sacks free.

Lakes Brand (99% Purity Standard Seed) by freight or express f.o.b. Madison: Pk., \$9.30; bu., \$36.00; 3 bu. at \$35.90 per bu. Sacks free.

### MAMMOTH CLOVER

(Sow 8 to 10 lbs. to the acre) (WISCONSIN GROWN)

Resembles medium, but larger. Best for pasture and fertilizer. Our Mammoth is northern grown. Makes good hay if cut early. Ripens later than medium and makes only one crop.

Prices, Old Gold Brand (99.25 Purity Premium Seed): By mail, 1 lb., 80c; 5 lbs., \$3.75, postpaid. By freight or express f. o. b. Madison: Pk., \$9.45; bu., \$36.60; 3 bu. at \$36.50 per bu. Sacks free.

Lakes Brand: (99% Purity Standard Seed) by freight or express f. o. b. Madison: Pk., \$9.30; bu., \$36.00; 3 bu. at \$35.90 per bu. Sacks free.

### BIRDSFOOT TREFOIL

Birdsfoot Trefoil is a long lived perennial with a well developed branching tap-like root with a few to many stems developing from each crown. The plants for the most part are erect or ascending, and attain the height of 12 to 30 inches. Stems are comparatively slender, branched to some extent and are moderately leafy. Each leaf has three leaflets borne at the end of a short petiole and has a clover-like appearance. In eastern New York and western Oregon it has become naturalized and is proving valuable for forage and pasture. It is also grown as a mixture with other grasses. Plant alone for seed at the rate of 8 to 12 pounds per acre, and in grass mixtures at the rate of one pound. Prices: 1 lb., \$1.05; 5 lbs., \$4.95, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$8.50; 100 lbs., \$83.30.



A Beautiful Field of Pure Medium Red Clover.

### MIDLAND RED CLOVER

The result of thirteen years of breeding, testing, and increasing through cooperative efforts of the Ohio, Indiana, Illinois, Iowa, Idaho, Utah, Washington, Oregon, Colorado, and Montana Agricultural Experiment Stations. It is a composite of equal proportions of four old strains, Rahn and Letcher, Poland, Otten, and Emerson. In recent years Kirch and Van Fossen strains have been substituted for Poland as they were more satisfactory. Its superiority to other strains of red clover are its good growth characteristics, more winter hardy, and shows some resistance to Northern Anthracnose. It is adaptable to the middle or central part of the corn belt states. Prices: Certified Idaho, by mail, lb., 85c; 5 lbs., \$4.00, postpaid. By freight or express f. o. b. Madison: Pk., \$10.30; bu., \$40.00; 3 bu. at \$39.85 per bu.

### WHITE DUTCH CLOVER

(WISCONSIN GROWN)

Very fine for lawns. Keeps the lawn green during hot, dry weather. Our stock is Wisconsin grown, very fancy seed, the best we can buy.

Prices, Old Gold Brand: By mail, ½ lb., 70c; lb., \$1.20; 5 lbs., \$5.75, postpaid. By freight or express f. o. b. Madison: Pk., \$14.45; bu. (60 lbs.), \$56.65. Containers free.

Lakes Brand, 95% pure, containing some alsike. By freight or express f. o. b. Madison: ½ pk., \$6.95; pk., \$13.65; bu., \$53.35.

### BUILD UP YOUR SOIL Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

#### 1949 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA		PEANUTS, COW PEAS	
Sweet, Bur, Hubam Clovers		Size	Retail
Size	Retail	2 bu. ea.....	.50
1 bu. ea.....	.50	5 bu. ea.....	.50
2½ bu. ea.....	1.00	30 bu. (one ctn.) ea..	2.95
		(Contains 6-5 bu. cans)	
CLOVERS		SOYBEANS (All Varieties, Including Edible)	
Red, Alsike, Crimson, White and Ladino		2 bu. ea.....	.30
1 bu. ea.....	.50	5 bu. ea.....	.50
2½ bu. ea.....	1.00	25 bu. (one can) ea..	2.25
PEAS (All Varieties)		30 bu. (one ctn.) ea..	2.95
VETCHES (All Varieties)		(Contains 6-5 bu. cans)	
100 lb. size (Inoculates up to 100 lbs.) ea.....		LUPINES (All Varieties)	
		100 lb. size (Inoculates up to 100 lbs. seed) ....	.50
BEANS—Navy, Pinto, Wax, String, Kidney, Gr. Northern		GARDEN SIZE	
1 bu. ea.....	.35	Garden Peas and Beans	
LESPEDEZA—Hulled or Unhulled		Sweet Peas, Lupines and Edible Soybeans	
100 lb. size (Inoculates up to 100 lbs. seed) ....		Enough for 8 lbs. seed	
		Retail Price 15c each.	

**NITRAGIN—Oldest and Most Widely Used Inoculator in America**



# OLDS' SWEET CLOVERS



A Fine Wisconsin Sweet Clover Pasture.

## Grundy County White Blossom

Grundy County Sweet Clover has several outstanding advantages. First, it is three weeks earlier than the common sweet clover. Thus the seed ripens ahead of most weeds. Second, while it grows to a good height and makes a good hay crop it is not as tall as the common and is much more easily handled. Third, it is finer and more leafy than the common and branches thickly about a foot above the ground. Fourth, it yields more seed than the common, several farms in Grundy County producing as high as 8 to 15 bushels per acre.

Grundy County Sweet Clover is perhaps more like Alfalfa than Sweet Clover. It grows like alfalfa only faster and the hay is like alfalfa hay so that it is in fact almost a "White Blossom Alfalfa."

Prices, Old Gold Brand, by mail: Lb., 45c; 5 lbs., \$1.95, postpaid. By freight or express f. o. b. Madison: Pk., \$3.95; bu., \$14.70; 3 bu. at \$14.60 per bu.

## LESPEDeza

(The Annual Wonder Clover)

**KOREAN.** A very valuable new crop for the middle section of the country. Grows to perfection in Missouri, the southern half of Illinois and similar latitudes. Produces splendid pasture all summer and fall and is also a great hay crop. Is worth trying in Wisconsin and other northern states. Sow 15 to 20 pounds per acre.

Prices, Old Gold Brand, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.80; 100 lbs., \$15.00.

## (The Great Soil Builder and Hay Crop.)

Sweet Clover should be planted for 3 reasons:

First—A Great Pasture Crop. When the ordinary blue grass pastures dry up in midsummer, Sweet Clover keeps right on growing and furnishes wonderful pasture right through the drouth period.

Cows on Sweet Clover produce a splendid flow of milk. It will generally pasture a thousand-pound cow per acre for a period of about 4 months.

Second—Wonderful Soil Builder. Sweet Clover is an excellent crop for building up worn-out soils. It grows faster than red clover or alfalfa and larger and the roots penetrate deeper into the soil.

Third—A Valuable Hay Crop. While not quite equal to Alfalfa it makes good hay if cut at the right time and cattle will eat it. The Grundy County is the best for hay.

**CULTURE**—Sweet Clover is best sown in the spring with one bushel of extra early oats or barley per acre as nurse crop. It can also be sown successfully in June or July without a nurse crop or in corn at the last cultivation. Fifteen Pounds of Seed per Acre is usually sufficient—a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing with Nitrugin or Nod-O-Gen. Use lime if your soil is sour. Most any well-drained soil is all right for Sweet Clover.

Note: Our Old Gold Brand Sweet Clover is Premium seed testing 99.25 or better purity.

## Tall White Blossom Sweet Clover

The best probably for pasture and for soil building and the most largely sown for all purposes.

Prices, Old Gold Brand, by mail: Lb., 45c; 5 lbs., \$1.95, postpaid. By freight or express f. o. b. Madison: Pk., \$3.95; bu., (60 lbs.), \$14.70; 3 bu. at \$14.60 per bu.

## Yellow Blossom Sweet Clover

This is the large strain of Yellow Sweet Clover, biennial the same as the Tall White. Increasing in popularity. Some say it is better for pasture than the White because it stays green longer.

Prices, Old Gold Brand, by mail: Lb., 45c; 5 lbs., \$1.95, postpaid. By freight or express f. o. b. Madison: Pk., \$3.80; bu., \$13.95; 3 bu. at \$13.85 per bu.

## Hubam (The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year. Very desirable for a honey crop because it continues to blossom all summer long.

Prices, Old Gold Brand, by mail: Lb., 50c; 5 lbs., \$2.20, postpaid. By freight or express f. o. b. Madison: Pk., \$4.95; bu., \$18.60; 3 bu. at \$18.50 per bu.

# OLDS' CANES

## Sorghum Cane

Sow 4 to 8 pounds of seed to the acre for sorghum.

**ROX ORANGE.** A variety of sweet sorghum that has been bred to overcome some of the disadvantages of Early Black Amber. It is a medium early maturing kind, originated by the Wisconsin College of Agriculture Experiment Station. While developed for a syrup sorghum, it is also found the best variety for silage. Its advantages over the Early Amber are its thicker stalk, easier to strip, easier to thresh, stands up better without lodging and will produce a higher yield of syrup, averaging about 80 gallons of syrup per acre. Most seasons will produce ripe seed in Central and Southern Wisconsin. Prices: By mail: Lb., 40c; 5 lbs., \$1.75. By freight or express f. o. b. Madison: 10 lbs., \$1.90; 100 lbs., \$16.70.

## Fodder Canes

Sow 15 to 25 pounds to the acre.

Farmers should grow more fodder cane. It produces as much as thirty tons of green feed per acre. Ideal for silage either alone or drilled with corn.



Field of Sorghum Cane Grown in the North.

Bulk Field Seeds By Mail.  
See page 63.

## Orange Fodder Cane

Like the Waconia Orange Cane, but southern grown.

Prices, by mail: Lb., 30c; 5 lbs., \$1.25, postpaid. By freight or express f. o. b. Madison: 10 lbs., 90c; 100 lbs., \$7.60.

## Amber Fodder Cane

Makes a wonderful fodder crop, rich in sugar. Same as the Sorghum Cane but southern grown for fodder purposes.

Prices, by mail: Lb., 30c; 5 lbs., \$1.25, postpaid. By freight or express f. o. b. Madison: 10 lbs., 95c; 100 lbs., \$7.60.

## Atlas Sorgo

A cross between White Kaffir Corn and Sourless Cane. Plants reach a height of seven to ten feet and require from 120 to 130 days to mature. Has a sturdy leaf stalk, abundantly juicy and sweet. Heads fairly compact. Branches filled with white seeds. Similar in size and shape to Kaffir. Excellent for silage. Produces a large tonnage of succulent feed.

Prices by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.15; 100 lbs., \$9.35.

## White Kaffir Corn

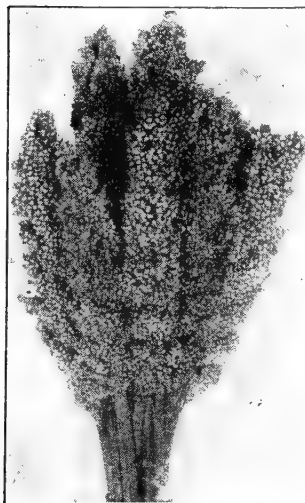
Makes the best kind of fodder for cattle or horses. Seed splendid for poultry. Plant fifteen pounds an acre in rows, 50 pounds broadcast.

Prices, by mail: Lb., 30c; 5 lbs., \$1.25, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.10; 100 lbs., \$8.75.

## Milo Maize

A variety of sorghum. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing  $\frac{3}{4}$  of a pound each. Plant same as Kaffir. Excellent for poultry.

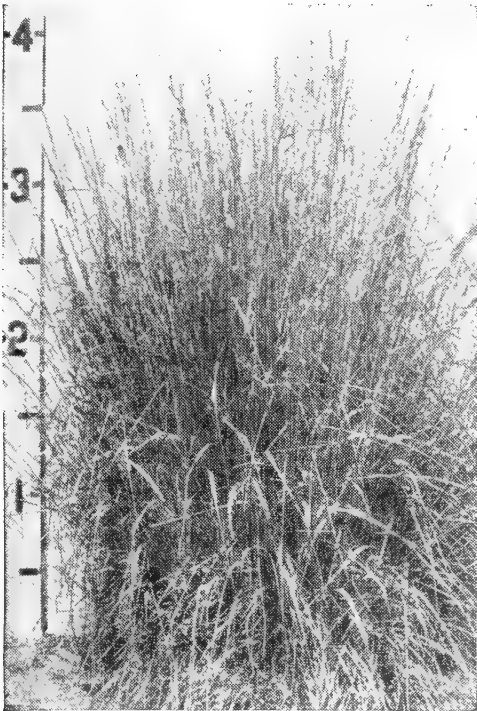
Prices, by mail: Lb., 30c; 5 lbs., \$1.25, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.10; 100 lbs., \$8.75.



White Kaffir Corn.



Amber Fodder Cane.



Alta Fescue.

### Alta Fescue

An improved strain of tall fescue which was developed at the Oregon Agriculture Experiment Station. Its popularity is spreading fast because of its excellence in pastures. The outstanding qualities of the grass are high yields of palatable forage, a long growing season, deep roots to allow the plants to utilize deep sub-soil moisture for green growth throughout the summer, and long life. It will grow well on wet soil even when poorly drained, but also will endure drought. Should be pastured when the leaves are young and succulent. Because of its extensive root system it has the ability to prevent soil erosion in water ways and to form a dense turf on banks. Easily eradicated by plowing. Sow 15 pounds an acre with other legumes such as Ladino clover. By mail: Lb., 75c; 5 lbs., \$3.50, postpaid. By freight or express, f. o. b. Madison: 10 lbs., \$5.20; 100 lbs., \$48.00.

### Chewings' Fescue

A very fine pure strain of Fescue. Grows well on poor, dry soils. Spreads by roots under ground. Recommended for terraces. Grown in New Zealand. By mail: Lb., 80c; 5 lbs., \$3.75, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$6.50; 100 lbs., \$61.10.

### Creeping Red Fescue

This grass is valuable on sandy soils and in the shade. It is a perennial grass spreading by the roots making a dense turf which tends to crowd out weeds. One of the grasses used in Shady Lawn mixtures. Also used in shady pastures at 30 pounds of seed an acre. By mail: Lb., 85c; 5 lbs., \$3.95, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$6.70; 100 lbs., \$63.30.

### Highland Bent Grass

A strain of Colonial Bent that is better for lawns than the old South German Mixed Bent or Creeping Bent as it can be grown from seed, and is less subject to brown patch and more easily cared for. The Colonial types of Bent are widely used in lawn mixtures. Prices, Certified Seed. By mail: Lb., \$1.20; 5 lbs., \$5.75, postpaid. By freight or express f. o. b. Madison: 10 lbs. or more, 95c per lb.

### Fancy Kentucky Blue Grass

Blue Grass is the foundation grass for all lawns, as well as for permanent pastures. Use plenty of seed. It pays to use the seed liberally. By mail: Lb., 85c; 5 lbs., \$4.00, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$7.00; 100 lbs., \$66.60.

### NEW SCAB RESISTANT POTATO

If your land produces scabby potatoes be sure and order some of the new Russet Sebago, which is blight and scab resistant. See page 73.

# Olds' Grasses

## Timothy

(Sow 10 to 15 pounds to the acre.)

Timothy for years has been the standard and most widely grown hay grass. It is indispensable as a hay for horses. It is an easily grown low-cost crop and seed is cheap. Probably the most profitable grass to grow where conditions permit its cultivation. A short lived perennial usually lasting four or five years. It is satisfactory for pasturing just a short period.

Timothy prefers a sweet soil and thrives best on rich moist bottom lands and heavy types of soil. It is a nitrogen feeding plant and should follow a legume crop.

Our timothy seed is the purest and best that can be obtained. It is all thoroughly re-cleaned and free from noxious weeds with high tests, most of it testing 99.6 per cent purity or better.

Prices, Old Gold Brand (Premium Seed 99.50 Purity). By mail: Lb., 45c; 5 lbs., \$2.00, postpaid. By freight or express f. o. b. Madison: Pk., \$2.95; bu. (45 lbs.), \$11.00; 3 bu. at \$10.90 per bu.

Lakes Brand (98.50 Purity). By freight or express f. o. b. Madison: Bu., \$10.50; 3 bu. at \$10.40 per bu.

## Timothy-Alsike Mixture

Alsike is finer and more leafy than Medium Clover and as it does well on moist soil, it combines well with Timothy both as a hay or pasture crop. A mixture of one-fourth Alsike with Timothy greatly increase the value and quality of the hay and it usually increases the yield. Prices (1/4 Alsike). By mail: Lb., 50c; 5 lbs., \$2.25, postpaid. By freight or express f. o. b. Madison: Pk., \$3.55; bu. (50 lbs.), \$13.50; 3 bu. at \$13.40 per bu.

## Fancy Red Top

(Sow 6 to 8 pounds to the acre.)

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. It not only succeeds on dry land but is also adapted to moist soils.

Fancy Solid Seed. (Re-cleaned, free from chaff.) By mail: Lb., 85c; 5 lbs., \$4.05, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$7.00; 100 lbs., \$66.60.

## Orchard Grass

A long lived perennial which does fine in partial shade and upon wood lands. Its principal use is for hay and pasture under shady conditions. It withstands drought and grazing and will furnish pasture from early spring until fall. By mail: Lb., 70c; 5 lbs., \$3.25, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$3.60; 100 lbs., \$32.30.

## Crested Wheat Grass

A grass especially suited for semi-arid conditions which will endure long periods of drought without injury. Growth begins very early in the spring and the grass thrives during the cool weather of spring and fall. The value for hay and pasture compares favorably with Brome Grass, averaging about 300 pounds more per acre in a season. Stands up well under close grazing and will provide excellent pasture at both ends of the season when it is most needed. Heavy root growth makes it splendid for controlling weeds. Seeding should be done on well prepared soil, preferably with a nurse crop especially on drier soils. Early and shallow planting are important. Sow fifteen pounds per acre.

Certified Canadian No. 1. By mail: Lb., 65c; 5 lbs., \$3.00, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$4.80; 100 lbs., \$44.40.

## Field Seeds by Mail—Postpaid

We will ship field seeds which are quoted f. o. b. Madison by parcel post in amounts of ten pounds or more if you request, and if you include remittance for postage as listed below: Up to 150 miles from Madison, 2c per lb. 150 to 300 miles from Madison, 3c per lb. 300 to 600 miles from Madison, 5c per lb. 600 to 1,000 miles from Madison, 6c per lb. 1,000 to 1,400 miles from Madison, 8c per lb. 1,400 to 1,800 miles from Madison, 10c per lb. Example: You order one peck (15 lbs.) Medium Clover Seed, price \$9.45. You live approximately 250 miles from Madison. Your rate would be 3c per pound. Fifteen times three equals 45c, added to \$9.45, totals \$9.90, which would be the price of the clover seed mailed to you postpaid.



A Seed Field of Brome Grass.

## Brome Grass (Bromus Inermis)

A hardy perennial with strong, growing root stalks which make a thick firm turf. Does exceedingly well on dry, loose soil. Produces a large yield of highly palatable and nutritious hay. It is slow to start and we advise to sow with a nurse crop when grown for hay. Best grass for permanent pastures, even better than blue grass. Plant with alfalfa on high land and Ladino Clover on low ground. Seed early in spring or late summer at the rate of 20 to 28 lbs. of seed to the acre. Canadian or Fancy Domestic. By mail: Lb., 60c; 5 lbs., \$2.75, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$4.30; 100 lbs., \$39.00.

## American-Grown Rye Grass

Much cheaper than the European-grown rye grass. May be used in lawn mixtures. Also good for pastures and meadows. By mail: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.90; 100 lbs., \$15.75.

## Olds' Pasture Mixture

This mixture is composed of Kentucky Blue Grass, Timothy, Red Top, Medium Red Clover, and Alsike Clover. It is an excellent pasture mixture which should be seeded at 30 lbs. per acre for a good stand.

By mail: Lb., 75c; 5 lbs., \$3.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$5.70; 100 lbs., \$52.75.

## Reed Canary Grass

### BRINGS LOW GROUND INTO PRODUCTION

Reed Canary Grass is a very valuable perennial hay and pasture crop especially desirable for low, marshy land. Nothing like it has been thus far produced as it puts land that is just dead waste into production of valuable forage. Continues to grow without care or attention.

For Pasture it lengthens the grazing season as it starts very early in the spring and will furnish an abundance of pasture throughout the entire season.

For Hay. It makes a heavy yield of good quality hay better than timothy and far superior to wild hay. Ordinarily two or more cuttings can be made in a season.

CULTURE. Sow in early spring, alone or with timothy, 4 to 6 pounds of seed per acre broadcast, or 2 to 3 pounds with drill. Late summer and late fall seeding are also recommended. It makes a permanent grass when once established.

By mail: Lb., 70c; 5 lbs., \$3.25, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$5.00; 100 lbs., \$46.60.



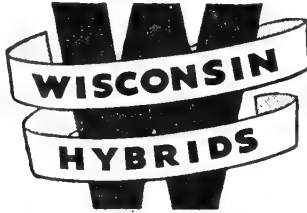
A Field of Reed Canary.

# OLDS' WISCONSIN CERTIFIED HYBRID CORN



A crossing field of Wisconsin Hybrid. The light rows are the male plants.

## WHY YOU SHOULD PLANT OLDS'



*that fit your climate*

ALL THESE BENEFITS PLUS KEEPING QUALITY THAT REDUCES WASTE

- Specially developed for maturity limitations of your zone, assuring well-developed grain with superior cribbing quality—CORN THAT KEEPS!
- High yields from seed suited to your growing season.
- You're raising corn, not cob! That's why you'll like Wisconsin Hybrids' solid ears, small cob, deep kernels . . . all-around quality that puts "meat on the hoof, milk in the can."
- Stand-up ability. These hybrids have an outstanding reputation for resisting stalk lodging and breaking.
- Backed by over 20 years of corn improvement research at Wisconsin and other northern corn belt states.
- Bred by seed specialist group who produced Wisconsin's famous Vicland Oats, new Henry Wheat, other improved varieties.
- Grown by reliable, capable, farmer-producers co-operating with Wisconsin College of Agriculture specialists.
- Field inspected, laboratory tested by Wisconsin's official State Seed Certification Service to assure pure strains and high quality of seed.

## LOOK FOR THE Big Red W It is your protection

This is the official trademark identifying Wisconsin Hybrid Seed Corn. It guarantees that the seed was produced directly from Foundation Seed Stocks supplied new each year by the Wisconsin College of Agriculture . . . that it was field inspected, laboratory tested, tagged and sealed by the Wisconsin Agricultural Experiment Association.



## Produce Greater Yields with W Hybrids that Suit Your Growing Season

Wisconsin W Brand Hybrids are very popular in the northern states as well as Canada and to help our out-of-state customers select the proper hybrids for their locality, we are showing below a zone chart. Remember these divisions overlap. If your farm is located near a zone boundary you can safely plant varieties from the adjoining zone. For silage it is recommended that you choose a later variety than for grain.

### RECOMMENDED HYBRIDS FOR EACH ZONE

UPPER ZONE: W240; W255; W275; W335; W355; W416; W412A; W416A.  
MIDDLE ZONE: W464; W525; W531; W570; W606; W595.  
LOWER ZONE: W641A; W641AA; W692.



Open Pollinated Corn Roots.



Hybrid Corn Roots.

## WISCONSIN CERTIFIED 80-DAY HYBRIDS NO. W240 AND W255

Earliest yellow all-dent hybrids available. Recommended as the best varieties for grain purposes in northern Minnesota, Wisconsin and Canada. No. W240 is the earlier.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.50; pk., \$2.70; bu., \$9.50; 3 bu. at \$9.35 per bu.

Medium or Large Rounds: 1/2 pk., \$1.10; pk., \$1.90; bu., \$6.50; 3 bu. at \$6.35 per bu.

## WISCONSIN CERTIFIED 85-DAY HYBRID NO. W275

The No. W275 seems to have a little better stalk than the No. W279 and we like it a little better. It is recommended for the far Northern parts of Wisconsin.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.50; pk., \$2.70; bu., \$9.50; 3 bu. at \$9.35 per bu.

Large Rounds: 1/2 pk., \$1.10; pk., \$1.90; bu., \$6.50; 3 bu. at \$6.35 per bu.

## WISCONSIN CERTIFIED 90-DAY HYBRID NO. W355

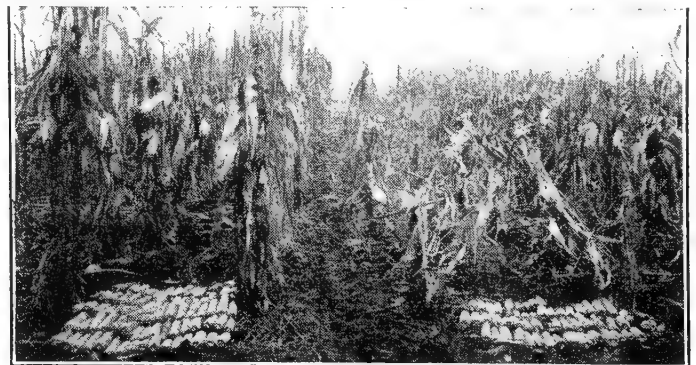
Very popular yellow all-dent for North Dakota, New York, Minnesota and Michigan. Ears 7 to 8 inches long and 14 to 16 rows. Stalks straight and leafy.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

Medium or Large Rounds: 1/2 pk., \$1.05; pk., \$1.80; bu., \$6.00; 3 bu. at \$5.85 per bu.

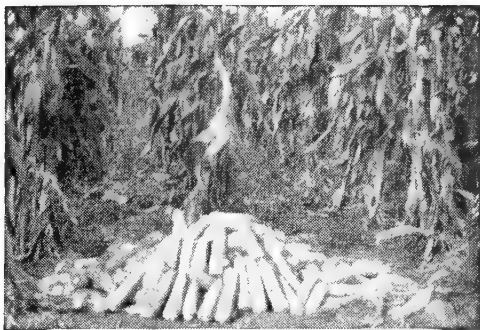


A Hybrid Seed Corn Crossing Field. (Courtesy Wis. College of Agr.) Rows with tassels are the male plants. Seed from these plants is discarded.



The above field of Hybrid Corn has two rows of Open Pollinated in the center. Note the comparison of yield and the standing ability of the stalks. (Courtesy of the Wisconsin College of Agriculture.)





**A picking of 90-Day Wisconsin Hybrid.  
WISCONSIN CERTIFIED 90-DAY  
HYBRID—NO. W335**

The ears of No. W335 are variable yellow to red color, resulting from the crossing of a northwestern dent single cross as seed parent and a yellow dent single cross as pollen parent. For silage this variety outyields all others of the same maturity.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

Medium or Rounds: 1/2 pk., \$1.05; pk., \$1.80; bu., \$6.00; 3 bu. at \$5.85 per bu.

**WISCONSIN CERTIFIED 95-DAY HYBRIDS—NO. W412A, W416 AND W416A**

They are exceptionally fine yellow dent Hybrids which can be grown wherever Wisconsin No. 25 will mature and are very similar. Large ears for an early variety and stalks are 7 to 8 feet. Long showy ears that husk easily.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

Medium or Large Rounds: 1/2 pk., \$1.05; pk., \$1.80; bu., \$6.00; 3 bu. at \$5.85 per bu.

**WISCONSIN CERTIFIED 100-DAY  
HYBRID NO. W464**

Earliest for the middle zone. We recommend planting the 100-day Hybrid in central Wisconsin and similar latitudes. This variety will mature about the same time as Cold-Resistant Golden Glow or other early strains of this variety. A good yellow dent which is quick maturing, showy, and easily husked. Ears are long, medium slender, with broad kernels of good depth. Sturdy stalks medium tall.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

Medium or Large Rounds: 1/2 pk., \$1.05; pk., \$1.80; bu., \$6.00; 3 bu. at \$5.85 per bu.

**WISCONSIN CERTIFIED 105-DAY  
HYBRIDS—NO. W525 AND W531**

105-day Hybrids are very popular in southwestern Wisconsin, outyielding the earlier maturing hybrids. Ears are about equal to Golden Glow. No. W525 has the shorter stalk and is a trifle earlier. Small cob, deep kernels, easy husker.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

Medium or Large Rounds: 1/2 pk., \$1.05; pk., \$1.80; bu., \$6.00; 3 bu. at \$5.85 per bu.

**POSTPAID HYBRID CORN PRICES:**

Prices quoted on hybrid corn are for shipment, express or freight, f. o. b. Madison. If just a small amount is wanted we will ship any variety of hybrid by parcel post at the following prices: 1 lb., 45c; 3 lbs., \$1.10; 7 lbs. (enough for one acre), \$2.25, postpaid.

**CLIPPER SEED TREATER**

For maximum yields treat all your seed before planting with either Semesan, Arasan, or Ceresan. This machine is fully automatic, operates by gravity, requires no power. It weighs 1/30 bushel of seed and measures the exact amount of chemical dust required. Then the chemical feed stops automatically when the seed flow stops, thus preventing waste of chemical. The seed flows from the feed hopper into one of two tilting buckets which remains stationary until the weight of seed overbalances a pre-adjusted counterweight. Then the bucket tilts into a discharge position bringing the second bucket into the filling position, and at the same time operating the chemical discharge, which delivers a measured charge of dust into the stream of seed now flowing into the mixing chamber. The seed and dust together fall first onto a revolving paddle wheel of wire fabric construction which thoroughly mixes the dust with the seed. The machine is 57 inches high, requires 24 by 24 inches of floor space, and weighs about 85 pounds, capacity 100 bushels per hour. Write for descriptive leaflet. Price, by freight or express f. o. b. Madison, \$75.00.



**PLANT  
THE CORN  
THAT KEEPS**

**HYBRID SEED CORN**

Over 90% of all corn planted in Wisconsin is now hybrid. It has many outstanding advantages over open-pollinated corn. First, will withstand drought and unfavorable weather; second, will yield 10% to 30% more; third, will stand up better; fourth, is fitted for maturity dates.

**PLEASE NOTE:** The maturity date given is from the time the corn comes through the ground until it dents and is out of danger of frost.

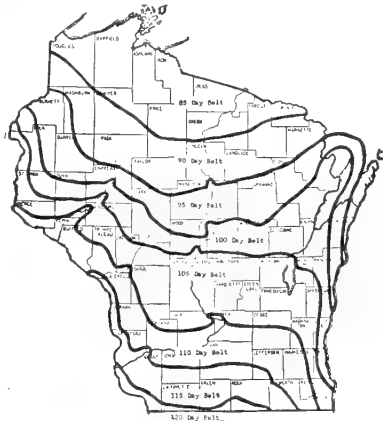


Chart of Recommended Maturities for Wisconsin.



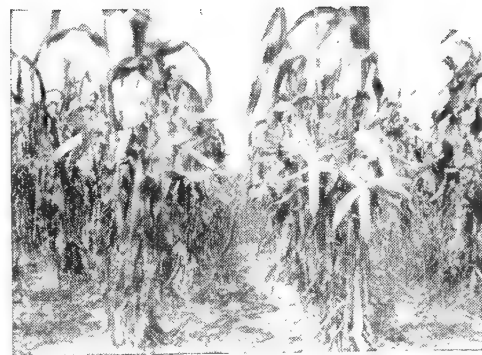
Our President, Mr. Lang, in a field of 110-Day Wis. Hybrid.

**PLEASE NOTE**

If you want more than seven pounds of hybrids sent by mail, see rate chart, page 63.



Seed Treater.



A field of Wisconsin Hybrid 110-Day.

**WISCONSIN CERTIFIED 110-DAY  
HYBRIDS—NO. W606 AND W595**

Earliest for the middle zone. For southern Wisconsin, Minnesota, and northern Illinois, Iowa, and Michigan, the 110-day hybrid is probably the most popular. It is a splendid appearing hybrid, a heavy yielder, standing up well under drought conditions, and producing long, heavy ears well filled with deep yellow kernels.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

Medium rounds of 606: 1/2 pk., \$1.05; pk., \$1.80; bu., \$6.00; 3 bu. at \$5.85 per bu.

**WISCONSIN CERTIFIED 115-DAY  
HYBRIDS NO. W641A AND W461AA**

We recommend these for southern Wisconsin and for a silage Corn for central Wisconsin. They are one of the heaviest yielding Hybrids, growing a stalk nine to ten feet high. The handsome large ears are well filled with deep yellow kernels. W641A is excellent for machine husking.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

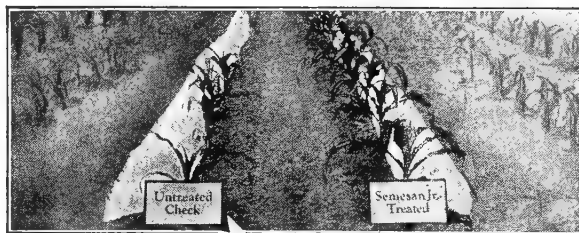
Medium or Large Rounds: 1/2 pk., \$1.05; pk., \$1.80; bu., \$6.00; 3 bu. at \$5.85 per bu.

**WISCONSIN CERTIFIED 120-DAY  
HYBRID—NO. W692**

The 120-day Hybrid is the heaviest yielding of all the Hybrids. Stalks grow to nine to ten feet in height, well supplied with heavy leaves and strong heavy roots. Each stalk will produce a large handsome ear, well filled with deep heavy yellow kernels. In southwestern Wisconsin, Illinois, and Iowa, and similar latitudes where late maturing Corn can be grown, we highly recommend this Hybrid and in other sections for silage.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.45; pk., \$2.55; bu., \$9.00; 3 bu. at \$8.85 per bu.

**Treat Your Seed Corn With Arasan or Semesan Jr.  
DESTROYS DISEASE GERMS, PREVENTS SEED ROTTING,  
INCREASES STANDS AND YIELDS**



Semesan Jr. treated corn produces better stands.

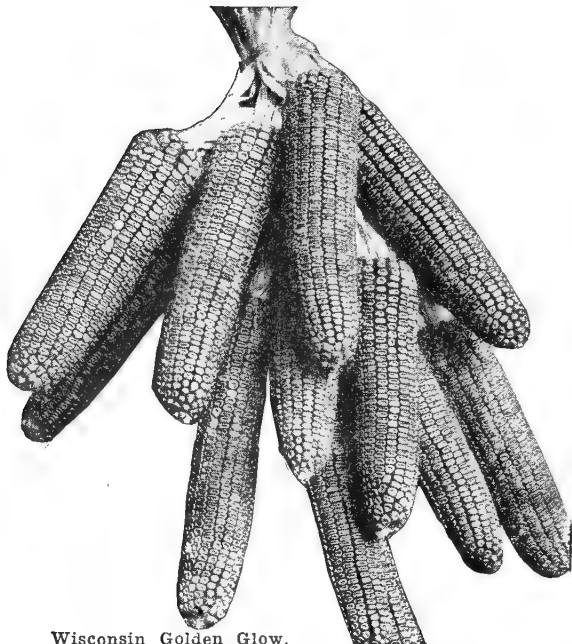
Farmers, who use Semesan Jr., look upon it as crop insurance of full corn stands. Usually reduces seed rotting, checks seedling blight and certain seed-borne rots of root and stalk — has increased yields an average of 3 bushels an acre in tests. Costs only about 0.9c an acre. Treats field, pop and sweet corn by quick, dry method. 1 1/2 ounces treat one bushel of seed. Prices: 1 1/2-oz. pkt., 17c; 12-oz. size, 62c, postpaid. By express or freight f. o. b. Madison: 25-lb. size, \$13.85; 100 lbs., \$49.95. Prices and sizes subject to change.

**ARASAN SF**

**The New Slurry Method For Treating Seed Corn.** A new method of treating seed-corn, developed by the DuPont Company, which involves the application of a chemical disinfectant to the seed in the form of a water suspension or slurry instead of the conventional powder. Requires the use of a special slurry seed treating machine. The slurry method eliminates all dust and is the most modern method of treating seed corn. Prices, by express or freight F. O. B. Madison: 25-lb. drum, \$45.00; 100-lb. drum, \$172.50.

Hybrid corn growers, write for special prices on seed treatments.

# OLDS' OPEN POLLINATED SEED CORN



Wisconsin Golden Glow.

## GOLDEN GLOW (Wisconsin No. 12)

Golden Glow is the most popular variety of Wisconsin open pollinated corn. It is grown more largely by far than any other for grain. It certainly is well adapted to all sections of the state as far north as north-central Wisconsin. It is a little earlier than either Murdock or Silver King, hence safer in an unfavorable season.

Golden Glow is a pure golden yellow corn, ears fairly large, the standard official length being  $8\frac{1}{4}$  to  $9\frac{1}{4}$  inches. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

Wisconsin Certified W Brand, by freight or express, f. o. b. Madison: bu., \$6.40; 3 bu. at \$6.25 per bu.

Wisconsin, by mail: 1 lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison:  $\frac{1}{2}$  pk., \$1.00; pk., \$1.80; bu., \$5.90; 3 bu. at \$5.75 per bu.

Nebraska Grown, by freight or express, f. o. b. Madison:  $\frac{1}{2}$  pk., 75c; pk., \$1.35; bu., \$4.25; 3 bu. at \$4.10 per bu.

**SEMESAN JR. INCREASES CORN YIELDS.** See page 65.

## SILVER KING (Wisconsin No. 7)

**BEST YIELDER OF ALL OUR WISCONSIN VARIETIES AND BY FAR THE BEST WHITE DENT FOR SOUTHERN WISCONSIN AND NORTHERN ILLINOIS.**

Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard variety. It is a big yielder and specially fine for the silo. It has yielded at the Wisconsin Experiment Station 98 bushels per acre and the average yield for the whole state for three years was 57 bushels as compared with 33 bushels, the average of all other open pollinated varieties.

This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from  $8\frac{1}{2}$  to  $9\frac{1}{2}$  inches.

Wisconsin Certified W Brand, by freight or express f. o. b. Madison: bu., \$6.50; 3 bu. at \$6.35 per bu.

Wisconsin, by mail: 1 lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison:  $\frac{1}{2}$  pk., \$1.05; pk., \$1.85; bu., \$6.00; 3 bu. at \$5.90 per bu.

Nebraska Grown, by freight or express, f. o. b. Madison:  $\frac{1}{2}$  pk., 80c; pk., \$1.40; bu., \$4.35; 3 bu. at \$4.20 per bu.

(Plant 7 to 12 lbs. to the acre.)

**HIGH YIELDING STRAINS.** Olds' seed corn will not only grow but it will produce high yields. Do not be careless about the seed you plant. Plant the best seed corn you can get as the cost an acre for good seed is slight.

**WISCONSIN CERTIFIED W BRAND CORN.** The Wisconsin Experiment Association certifies stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. Corn is sealed and tagged with the RED W TAG in bushel sacks. The corn must be grown at least 40 rods from any other variety, must be true to type, practically free from mixture and show at least 95 per cent germination.

**WISCONSIN.** This is all high testing Wisconsin Grown Corn but is not State Sealed or Certified.

**NEBRASKA.** This is high testing seed grown for us in Nebraska.

Please Note: Wisconsin Certified W Brand seed is shipped in bushel sacks only. Other corn in any quantity. Bags and sacks are free.

## MURDOCK YELLOW DENT (WISCONSIN NO. 13)

Murdock Yellow Dent is of a deep yellow color, ears  $8\frac{1}{2}$  to  $9\frac{1}{2}$  inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Not quite as early. Better for silage than Golden Glow.

Wisconsin. By mail: 1 lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison:  $\frac{1}{2}$  pk., \$1.00; pk., \$1.80; bu., \$5.90; 3 bu. at \$5.75 per bu.

Nebraska Grown. By freight or express f. o. b. Madison:  $\frac{1}{2}$  pk., 75c; pk., \$1.35; bu., \$4.25; 3 bu. at \$4.10 per bu.

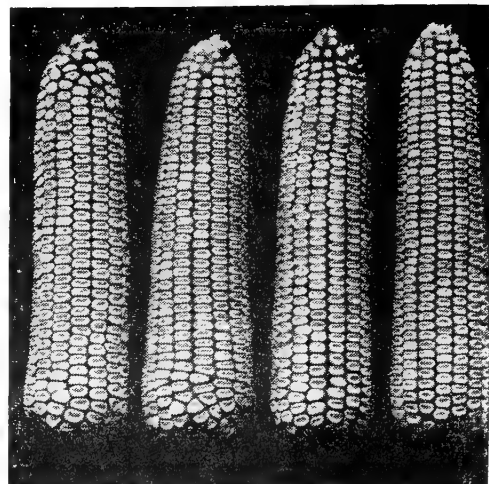
## Protect Your Seed Corn with CRO-TOX



For the protection of seed corn against crows and pheasants. Also effective against gophers and blackbirds. It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs less than 10 cents per acre. Hastens germination and helps to prevent seed rot.

Prices:  $\frac{1}{2}$ -pt. can treats one bushel, 75c; pint can, treats two bushels, \$1.15; quart can, treats four bushels, \$1.65, postpaid.

**PLEASE NOTE.** A bushel and smaller lots of seed can often be mailed cheaper than express. Check our special postal rate chart on page 63.



Wisconsin No. 25.

## EARLY YELLOW DENT (WISCONSIN NO. 25)

**EARLIEST OF ALL WISCONSIN VARIETIES.**

This is the corn for the extreme north and for late planting farther south and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which was secured from northern Michigan.

Wisconsin Certified W Brand, by freight or express, f. o. b. Madison: bu., \$6.50; 3 bu. at \$6.35 per bu.

Wisconsin. By mail: 1 lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison:  $\frac{1}{2}$  pk., \$1.05; pk., \$1.85; bu., \$6.00; 3 bu. at \$5.85 per bu.

## NORTHWESTERN DENT

Another early variety, very popular in the Northwest. Reddish in color, with a fairly good sized ear, maturing ordinarily in 80 to 85 days. We recommend it for extreme northern Wisconsin and Minnesota and for North Dakota as a silo corn and in favorable seasons for husking.

Ohio grown. By mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express, f. o. b. Madison:  $\frac{1}{2}$  pk., 90c; pk., \$1.60; bu., \$5.00; 3 bu. at \$4.85 per bu.

## FLINT CORN

### EARLY LONGFELLOW FLINT

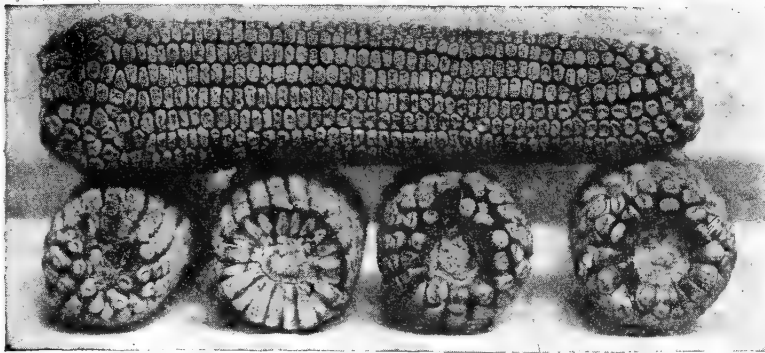
The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days. We ordinarily have more call for Longfellow than for all other varieties of flint combined.

Ohio grown. By mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison:  $\frac{1}{2}$  pk., \$1.10; pk., \$1.90; bu., \$6.50; 3 bu. at \$6.35 per bu.



Wisconsin Silver King.

## OPEN POLLINATED ENSILAGE CORN



Reid's Yellow Dent, a Popular Large Yellow Silage Corn in the North.

### REID'S YELLOW DENT

A very popular corn where season permits the maturing of this variety. It will ripen in 110 to 120 days. One of the largest yielding of the open-pollinated corn. Grows a medium size ear about 9 inches long with usually 16 to 18 rows of deep yellow kernels to the ear. Grown in the North primarily for silage.

Prices, Western grown, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 1/2 pk., 80c; pk., \$1.40; bu., \$4.50; 3 bu. at \$4.40 per bu.

### GIANT RED COB ENSILAGE

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the North for a large growth of green fodder. Does not ordinarily mature ears in the North.

Prices, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 1/2 pk., 80c; pk., \$1.40; bu. (56 lbs.), \$4.50; 3 bu. at \$4.40 per bu.

### EUREKA FODDER

Grows a fodder 12 to 14 ft. high and a very good yielder, often producing two large white ears on each stalk. When grown to maturity it yields as much as 100 bushels per acre. Has very good standing ability and matures in 110 to 115 days, so will not ripen ears in the North.

Prices, Ohio grown, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 1/2 pk., 90c; pk., \$1.60; bu., \$5.25; 3 bu. at \$5.15 per bu.

### EVERGREEN SWEET FODDER

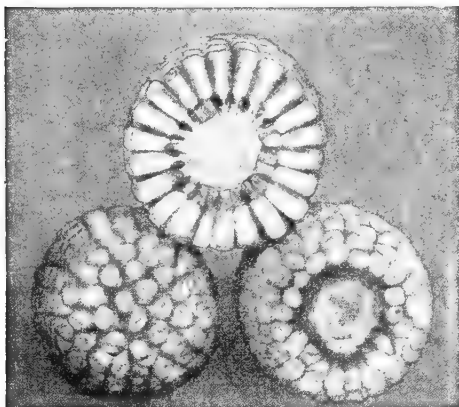
A fodder grade of Evergreen Sweet Corn. Same as garden Evergreen except not graded. See page 10 for description.

Prices, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 1/2 pk., 80c; pk., \$1.35; bu. (45 lbs.), \$4.00; 3 bu. at \$3.90 per bu.

### IMPROVED LEAMING

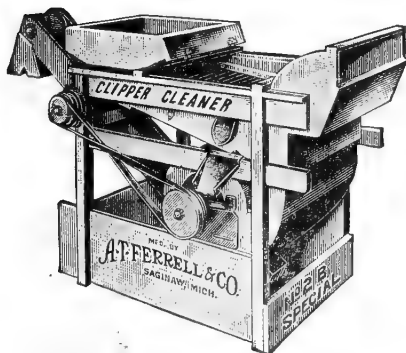
A large yellow corn that grows a stalk about 8 ft. high with ears 9 inches long and 16 to 20 rows to the ear. Grown primarily in the North for silage. Matures a trifle earlier than Reid's Yellow Dent.

Prices, Nebraska grown, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 1/2 pk., 80c; pk., \$1.40; bu., \$4.50; 3 bu. at \$4.40 per bu.



Improved Leaming.

## FARM MODEL CLIPPER CLEANER



The 2B Special is a fanning and cleaning mill that you have been waiting for. Specially designed for the farm, and is an outstanding piece of farm equipment. It comes complete with labor saving sacking elevator. The 25-bushel per hour 2B Special enables you to economically separate precisely the kind of seed or grain you desire from almost any sample. All controlling parts are easily and exactly adjustable, the feed hopper flow, the wide variety of upper and lower screens available, and the smoothly regulated fan blast. Built for a lifetime of expert, faithful service. Top screen scalps off over-sized matter. Grain passes over lower screen where undersized seeds sift through. Screened grain then enters a vertical air column. Lightweight kernels, husk and chaff are blown out, leaving only the best quality grain to fall directly to the elevator for sacking. Mill measures 3 feet 9 inches in length, 2 feet 7 inches in width, height 3 feet 8 inches, screen size 24 1/2 by 22 inches. Comes equipped with twelve general purpose screens, but over 150 sizes and shapes of perforations and openings of stock screens are available for this mill. Furnished complete, but without one-third horsepower electric motor. Price, by freight or express f. o. b. Madison: Complete with bagger, less motor, \$87.00; without bagger, \$75.00.

## OLDS' MILLETS

For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

### WHITE WONDER

The best of all the millets in our judgment. It produces more tons of hay per acre than any other millet. The foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay. Earlier than either German or Common Millet and is well adapted to the North. Prices, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.30; 100 lbs., \$10.00. Sacks free.

### COMMON MILLET

A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Some farmers prefer it to German.

Prices, by mail: Lb., 35c; 5 lbs. for \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.25; 100 lbs., \$9.25. Sacks free.

### GERMAN MILLET.

Most popular of all the millets. A tall growing variety with large stout stems, leaves broad and stiff. Seed of a yellow or golden color.

Prices, by mail: Lb., 35c; 5 lbs. for \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.30; 100 lbs., \$9.75. Sacks free.

### JAPANESE MILLET (Billion Dollar Grass.)

A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre.

Prices, by mail: Lb., 35c; 5 lbs. for \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.30; 100 lbs., \$10.00. Sacks free.

### PROSO OR HOG MILLET.

Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry.

Prices, by mail: Lb., 35c; 5 lbs. for \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.05; 100 lbs., \$7.50. Sacks free.

### SIBERIAN MILLET

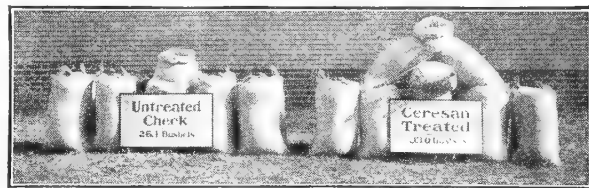
Similar to Proso or Hog Millet, but earlier with reddish seed. It is also hardier and earlier than the German Millet. Popular in the Northwest. Prices, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.15; 100 lbs., \$7.50.

### CANADIAN CROWN PROSO MILLET

A variety originating from Brandon Experiment Station, Alberta, Canada. Said to yield as much as oats in Canada and about 10 to 20 bushels more per acre than any other Proso. It grows 3 ft. high with spreading head and will mature seed in about 70 days. Sow 25 lbs. per acre a little over 2 inches deep with a grain drill and drag immediately. Recommended for hog and poultry feed.

Prices, by mail: Lb., 35c; 5 lbs., \$1.50. By freight or express f. o. b. Madison: 10 lbs., \$1.10; 100 lbs., \$8.00. Sacks free.

### Treat Your Seed Grains with Ceresan



Ceresan seed treatment made this profitable yield difference on wheat—6.9 bushels more per acre.

### NEW CERESAN M

The latest and best seed disinfectant from the DuPont Semesan laboratories. It can be used either as a dust or as a liquid in an approved type slurry treater. It is easier to use than the old Improved Ceresan, and reduces the hazard of skin irritation to those using it. It is also practically odorless.

Ceresan M protects the crop against many important diseases caused by organisms carried on the seed and in the soil. Generally controls covered smut, black loose smut and stripe of barley; oat smuts, and when seed-borne, the new oat blight (Helminthosporium blight); stem and covered smuts of rye; loose and covered kernel smuts of sorghums; seed-borne stinking smut and scab seedling blight of wheat; and reduces infections arising from surface seed-borne anthracnose. It also usually reduces decay and damping-off of seed grains, flax, peas, and sugar beets, improving stands and yields. Will not reduce planting rate or damage drill. Ceresan is easily applied to the seed with the new Clipper Seed Treater described on page 65. It is fully automatic, operated by gravity without power. Will treat up to one hundred bushels of seed an hour. The treating of your seed grain is not an expense, but an investment. Just a few cents an acre can assure you better returns, better quality, and up to 20 per cent higher yields. Prices: 14-oz. can (treats 28 bu.), 90c; 3-lb. can, \$2.65, postpaid. By freight or express f. o. b. Madison: 40-lb. drum, \$28.75; 100 lbs., \$69.00. Sizes and prices subject to change.



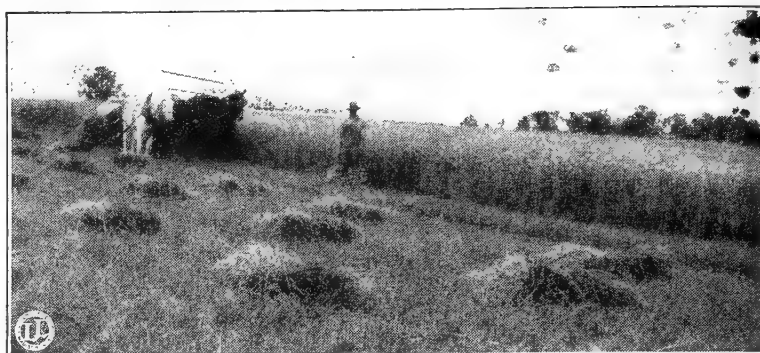


# OLDS' SEED GRAINS

**WISCONSIN W BRAND CERTIFIED SEED.** This seed is grown from foundation stock obtained each year from the Wisconsin College of Agriculture. Field inspections are made by a representative of the Wisconsin Experiment Association and official samples are taken for laboratory test by the inspector. Seed must show a purity of 99.5. There must be not more than one kernel per pound of other varieties or kinds of grains. No noxious weed seeds and not more than ten per pound of other weed seeds. Germination must be 90 per cent or better. Foundation seed is seed produced on the station farm. The seed is officially tagged and sealed with the certified red W seed label by their representative and sold in full sealed bags only. These precautions are taken to safeguard the identity of the seed and to maintain high quality.

**STANDARD SEED.** Our "Standard Seed" shows high purity and is nearly equal to the Certified Seed. Most of it is produced from Certified Seed. Used bags are furnished free.

**FOR BIGGER YIELDS TREAT ALL GRAIN WITH CERESAN.**



A Typical Field of Wisconsin Pedigree Barley.

## OLDS' SEED BARLEY

(Sow 96 to 110 pounds to the acre.)

### WISCONSIN PEDIGREE NO. 38 BARBLESS

Wisconsin Pedigree No. 38 originated at the Wisconsin Experiment Station in 1916 when a black, smooth awn barley from southern Russia was crossed with Oderbrucker. The object was to combine the yield, stiffness of straw, light color and high quality of the Oderbrucker with the smooth awn of this Russian barley. The result has been marvelous, for not only has a smooth awn been secured but the yield of the Oderbrucker has been greatly increased while all of the other good qualities have been retained.

#### THE VALUABLE FEATURES OF WISCONSIN BARBLESS ARE:

**First—Smooth Beards.** This makes the barley nice to handle. Some farmers say they would just as soon handle this barley as to handle oats.

**Second—Resistance to Hot Weather.** This barley is from three to five days later than Oderbrucker and other rough bearded barley. This is not an objection but an advantage as it simply adds to the maturity period producing a larger kernel than the earlier varieties.

**Third—Heavy Yielding Qualities.** It has gone way beyond all others in yield. In the southern counties the yields have been shooting up as high as 80 bushels per acre, machine measure, 55 and 60 seem quite common, which is easily a gain of one-fourth to one-third over the rough barley.

It has shown itself much more resistant to stripe disease than any other barley.

**Certified Wisconsin W Brand.** By freight or express f. o. b. Madison: Not sealed, bu., \$4.00; packed in 2½-bu. sealed bags, \$10.00 per bag; 3 bags (7½ bu.), \$9.70 per bag. New bags included free.

**NOTE:** Less than 2½ bu. or a broken lot will be shipped without seal.

**Standard Seed.** By mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: Pk., \$1.10; bu., \$3.50; 10 bu. at \$3.40 per bu. Used bags included free.

### MOORE BARLEY

A new malting variety developed by the Wisconsin Agricultural Experiment Station in co-operation with the U. S. Department of Agriculture. In tests it outyielded Wisconsin 38 and seemed to lodge less. It is a six-row, white, smooth awn variety with a moderately compact head. It is susceptible to leaf rust, stripe, loose smut and covered smut, but is moderately resistant to spot blotch and mildew.

The very limited amount of seed produced in 1948 will not take care of the demand, and if interested in seed we ask that you write for prices. Ample seed should be available after harvest 1949, and we suggest that you purchase your seed for 1950 this fall.

## SPELTZ OR EMMER

(Sow 100 to 125 pounds of seed to an acre.)

Farmers ought to sow more speltz. It makes splendid feed and lots of it. Excellent balanced ground feed for horses, cattle or hogs. Its large hull gives it the lightness of oats while the double kernels furnish a rich meal much like ground rye feed. It is adapted to dry regions, is hardy, yields heavy and stands up well.

**Standard Seed.** By mail: Lb., 30c; 5 lbs., \$1.25, postpaid. By freight or express f. o. b. Madison: Pk., \$1.00; bu., \$3.10; 3 bu. at \$3.00 per bu. Sacks free.

### WISCONSIN PEDIGREE BARLEY (Rough Bearded Oderbrucker)

(Wisconsin Pedigree 5-1)

Wisconsin Pedigree Barley has for years held its place as the leading variety of six-rowed barley. It has doubled the yield of common barley and has been worth millions of dollars to Wisconsin farmers.

It originated at the Wisconsin College of Agriculture and was the result of 12 years of painstaking breeding work. It still stands out above all previous varieties of barley for heavy yield, plump grain, stiff straw, large heads and great feeding value. Some of our growers think it yields better than the new Wisconsin No. 38.

**Wisconsin Certified W Brand.** By freight or express f. o. b. Madison: Not sealed, bu., \$4.00. Packed in 2½-bu. sealed bags, \$10.00 per bag; 3 bags or more, \$9.70 per bag.

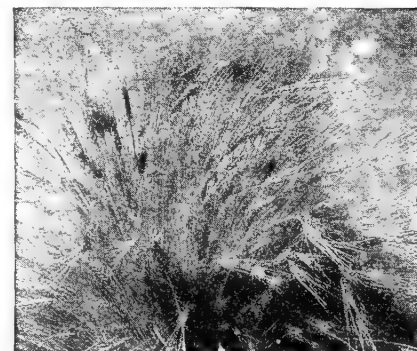
**Standard Seed.** By mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: Pk., \$1.10; bu., \$3.50; 10 bu. at \$3.40 per bu. Used bags included free.

### MONTCALM BARLEY

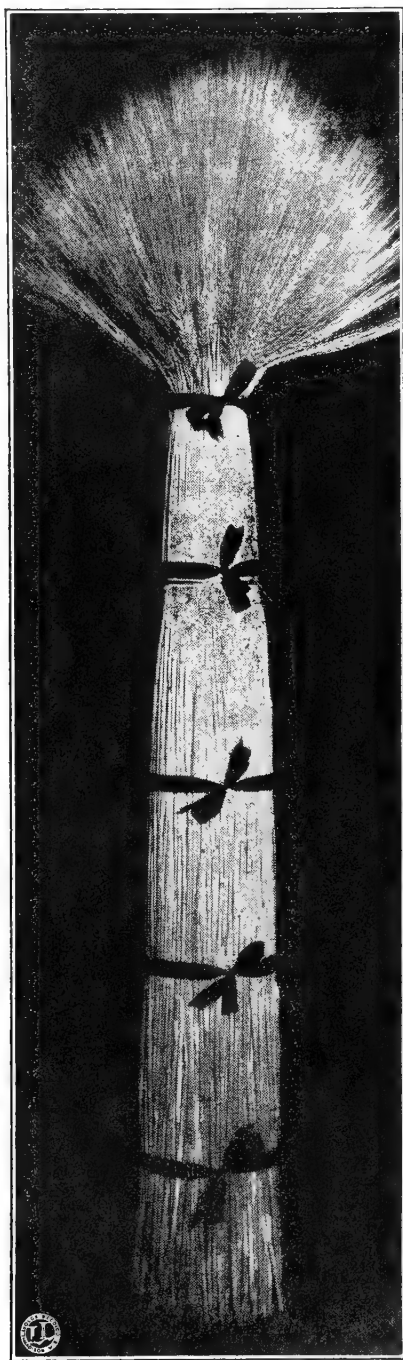
An excellent malting barley produced by Professor E. O. Lods of McDonald College, Quebec, Canada. First released in 1945 to Canadian growers. At the North Dakota Experiment Station it outyielded all other types of malting barley in tests conducted in 1945 and 1946. It is a six-row, smooth awn barley, and equal to other barley, in disease resistance, and strength of straw. It matures ahead of Wisconsin 38 and shows a wide range of adaptability. As it is free stooling satisfactory stands are reported with 75 per cent of the customary rates of seeding. Shows less field loss from shattering and loss of heads, which is common to some varieties of barley. Can be harvested on the early side and will make good quality grain. Prices, Wisconsin Grown Standard Seed, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express, f. o. b. Madison: Pk., \$1.30; bu., \$4.00; 10 bu. at \$3.95 per bu.

### CLIPPER SEED TREATER

A new machine that treats your grain and operates fully automatic, requiring no power. Operates entirely by gravity. Will treat up to one hundred bushels per hour. Will pay for itself in a hurry by treating neighbors' seed in spare time. See page 65 for illustration and complete description.



Sheaf of Emmer or Speltz.



Sheaf of Wisconsin No. 38 Barbless.

# OLDS' SEED OATS



A field of shocked Forvic oats.

## CLINTON

The New Helminthosporium Resistant Oat.

Clinton originated at Ames, Iowa, in 1936 as a single plant selection made by H. C. Murphy, Senior Pathologist, from various crosses of Richland, Green Russian, and Bond. It was developed co-operatively by the Iowa Station and the United States Department of Agriculture and jointly distributed by the Iowa, Illinois, and Indiana stations. It was first distributed in 1946.

It is resistant to Helminthosporium disease and to the races of rust commonly found in Wisconsin, but is susceptible to race 45 of leaf rust and somewhat susceptible to smut. It has a stiff straw, very leafy, which produces late tillers. A medium tall, early, yellow oat with plump kernels and thin hulls. It is outstanding for yield, test weight, and strength of straw.

Prices, Wisconsin Certified W Brand, First Generation, by freight or express; f. o. b. Madison: 1 bu., not sealed, \$2.50; 3 bu., sealed bags, \$7.50; 5 bags, 15 bu. or more at \$7.35 per bag.

Standard Seed, grown from Certified Stock, by freight or express f. o. b. Madison: 1 peck, 70c; 1 bu., \$2.00; 10 bu. or more, \$1.95 per bu., packed in used bags which are free.

## BONDA

One of the new Helminthosporium disease resistant oats developed at the Minnesota Experiment Station. It is a cross of Bond and Anthony. At the Wisconsin station this oat had the highest bushel weight and was one of the strongest strawed of all the varieties grown on the farm. Like Clinton it is susceptible to race 45 of leaf rust. It grows somewhat taller than Clinton, ripens a little later, and has a whiter kernel. Prices, Wisconsin Certified W Brand, First Generation, by freight or express f. o. b. Madison: 1 bu., not sealed, \$2.75 per bu.; 3 bu., sealed bags, \$8.25; 5 bags (15 bu. or more) at \$8.10 per bag.



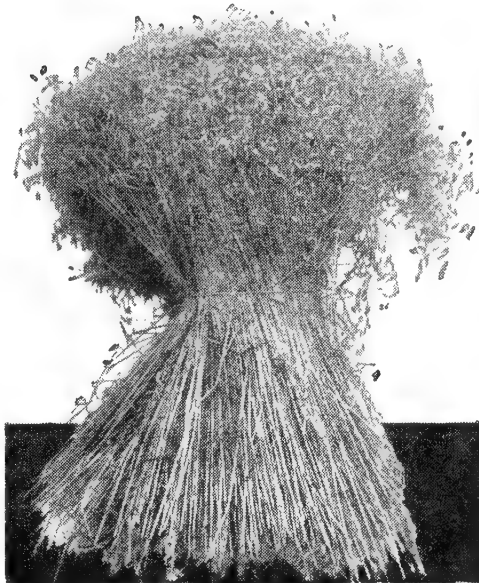
## Destroy Weeds in Grain With 2,4-D

The illustration above shows a field that was sprayed with 2,4-D, but the dark section was missed in the spraying. Note the heavy growth of thistles. Increase your yields and eliminate weeds by spraying with 2,4-D. We have several types to offer. See page 75.

## MINDO

Introduced by the Minnesota Agricultural Experiment Station from a cross of Bond X and Black Mesdag. It is resistant to the rust and smuts, and also is resistant to race 8 of stem rust. Equal to Bonda in this respect. A very early yellowish oat with excellent yielding ability. Higher in weight per bushel than Vicland, and having a short straw it is very resistant to lodging. This variety is valuable for very fertile soils which have plenty of moisture on which taller oats tend to grow too tall and lodge. It has the shortest straw of all popular varieties grown in Wisconsin, including Vicland, and is an excellent yielder. Prices, Minnesota Certified, First Generation, by freight or express f. o. b. Madison: 1 bu., not sealed, \$2.75 per bu.; 3 bu., sealed bags, \$8.25; 5 bags (15 bu. or more), \$8.10 per bag.

ORDER  
EARLY



A Sheaf of Vicland Oats. Note the heavy heads.

## FORVIC

Forvic is a high yielding variety of oats developed at the Wisconsin Experiment Station, co-operating with the U. S. Department of Agriculture and first distributed in 1947. It was developed from a cross, followed by pure line selection of Forward which is a tall strawed, whitekerneled late oat, and a selection from the Victoria-Richland which was similar to Vicland. This cross was made in 1935.

In comparison with Vicland, its average yield is 9% to 10% greater. It ripens from two to three days later. The straw is about 10% taller and the kernel is almost white instead of yellow. It has about the same resistance to disease and smuts. We recommend this variety for light soils where Vicland will not produce suitable straw. A heavy yielding oat where Helminthosporium is not a factor.

Prices, Certified Wisconsin W Brand, First Generation, by freight or express f. o. b. Madison: Bu., \$2.30, not sealed; 3 bu. sealed bags, \$6.90; 5 bags (15 bu.) or more, \$6.80 per bag. Sacked in new bags which are free. Less than 3 bu. or a broken lot will be sent in unsealed bags.

Prices, Standard Seed, grown from Certified Stock, by freight or express f. o. b. Madison: Pk., 65c; bu., \$1.80; 10 bu. or more, \$1.75 per bu. Packed in used bags which are free.



A field of foundation stock of Vicland Oat on the University of Wisconsin Hill Farm at Madison.

## VICLAND

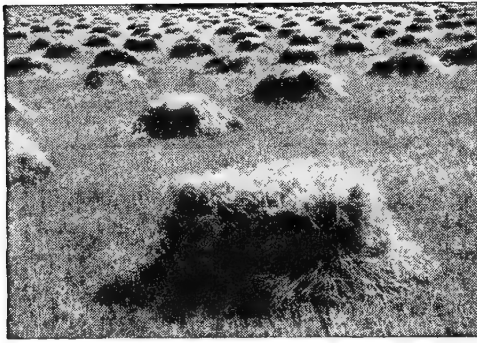
A high-yielding, disease resistant variety first distributed by the Wisconsin Agriculture Experiment Station in 1941. It is a cross of Victoria, a South American oat, and Richland, an Iowa variety of Russian origin. The cross was made at the Arlington Experimental Farm, Arlington, Virginia, in 1930. Thirty-three selections from progenies of this cross were sent to Wisconsin in 1935 for further evaluation and selection. Tests in Wisconsin for resistance to rust and smut and for yield and quality cover a period of nine years. The most promising selection was named Vicland in 1940. Since it was released in 1941, its popularity has so increased that over 10,000,000 acres were planted to Vicland last year in the United States. An eight-year test gave Vicland a 40% average greater yield over States Pride. The increase was much greater when compared with the older varieties of oats or a year when smut and rust were heavy. Reports of yields of over 100 bushels per acre are not uncommon. Vicland is an early yellow, short straw variety and on fertile soil the straw will attain a good height, but on soils low in fertility, we do not recommend it as the straw is likely to be too short to cut with a binder. Kernels are medium in size and well filled, with light or no awns, often running 36 pounds or more per bushel from the thresher. It goes through a long dormancy period after harvest and will stand in the shock for a long period without germinating. This is a distinct advantage in rainy weather. A heavy yielding oat where Helminthosporium is not a factor. For maximum yield we recommend sowing early on a firm but fairly rough seed bed at the rate of two bushels per acre.

Prices, Certified Wisconsin W Brand, First Generation, by freight or express f. o. b. Madison: Bu., \$2.30, not sealed; 3 bu. sealed bags, \$6.90; 5 bags (15 bu.) or more, \$6.80 per bag. Sacked in new bags which are free. Less than 3 bu. or a broken lot will be sent in unsealed bags.

Prices, Standard Seed, grown from Certified Stock, by freight or express f. o. b. Madison: Pk., 65c; bu., \$1.80; 10 bu. or more, \$1.75 per bu. Packed in used bags which are free.

## Treat All Oats With Ceresan

Regardless of the variety of oat you plant, seed should be treated with Ceresan M to help control loose and covered smuts, and to reduce seedling blight and root rot. See page 67.



A Field of Henry Spring Wheat.

## SPRING WHEAT

(Sow 90 to 120 pounds to the acre.)

### HENRY

Henry Wheat will mean to this crop what Vicland and Forvic Oats have meant to that grain. Henry Wheat should eliminate the bad wheat years just as Vicland has eliminated the bad oat years. It was developed by Prof. R. G. Shands in a co-operative grain-breeding project of the Wisconsin Experiment Station and the U. S. Department of Agriculture, by a series of crosses made at the Wisconsin Station between 1929 and 1933, with the final parents being a cross of Illinois No. 1 x Hope and a selection from Webster x Resaca. Six years of testing has shown that Henry Wheat is highly resistant to leaf rust, the most serious disease of wheat in Wisconsin. It is also quite resistant to black stem rust and to bunt or stinking smut. In tests in the last three years, Henry outyielded Sturgeon, Wisconsin's highest yielding spring wheat up to that time, by 23% and the older varieties by considerably more. Henry is a bearded spring wheat with large wide heads. The straw is moderately stiff and about as tall as Sturgeon and will ripen along with Marquis wheat or about five days later than Vicland oats. The kernels are medium red in color, slightly softer in texture than Marquis and larger than any other spring wheat. Because of the large kernels it should be seeded heavier. It is primarily a feed wheat, but it is also satisfactory for baking.

Prices: Wisconsin Certified W Brand, by freight or express f. o. b. Madison: Bu., not sealed, \$4.50; 2½-bu. sealed bags, \$11.25 per bag.

Standard Stock. Grown from certified seed but not sealed and certified. By mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: Pk., \$1.25; bu., \$4.00; 3 bu. at \$3.90 per bu.

## BUCKWHEAT

Sow buckwheat from June 10 to July 10, one bushel (50 lbs.) per acre.

Buckwheat yields heaviest on well drained sandy loam soils, but will also give fair results on soils too poor for most other crops. It matures in about seventy days and ripens best in the cool weather of early fall. Therefore, June and July plantings in the North are most satisfactory. The Japanese type of buckwheat is more vigorous, withstands more drought, and produces better yields than the Common.

**JAPANESE.** Large, of dark brown color. Higher in market than Common.

Prices, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: Pk., \$1.20; bu. (50 lbs.), \$3.75; 3 bu. at \$3.60 per bu. Sacks free.

**COMMON.** Prices by freight or express f. o. b. Madison: Pk., \$1.15; bu., \$3.50; 3 bu. at \$3.40 per bu. Sacks free.

## FIELD PEAS WHITE CANADA

White Canada is the best known and most popular variety of field peas. Sow 1 to 1½ bushels per acre broadcast with the same amount of oats. Another good mixture recommended by leading county agents is ½ bushel each of Field Peas, Vicland Oats, Barbliss Barley and Progress Wheat.

Prices, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight or express f. o. b. Madison: Pk., \$1.70; bu. (60 lbs.), \$5.70; 3 bu. at \$5.60 per bu. Sacks included.

**WHITE MARROWFAT PEAS.** See page 21.

## OLDS' FLAX

(Sow 50 to 75 pounds to the acre.)

Flax is a cool weather crop grown in the northern states. It is used mostly for its fibre and also for its seed which is ground and included in feed. When grown for fibre, moist or under-drained and fairly rich loam is required. When produced for seed less fertile soil and moisture are required.

### REDSON

Redson is a new variety of flax which has been approved for certified seed production by the Wisconsin College of Agriculture and the Wisconsin Experiment Association. It has special merit with respect to yield and quantity of oil. In tests in Wisconsin and a number of neighboring states, it has averaged higher in acre yield in most places than the best of the old varieties. It has a strong plant and matures early. Very resistant to the wilt disease.

Sealed and labeled with W Brand tag in bushel sacks.

Prices, Certified Wisconsin W Brand, by freight or express f. o. b. Madison: 1 bu. (56 lbs.), \$10.00; 3 bu. at \$9.80 per bu.

**COMMON.** Good, clean, bright seed. Recommended for growing on soils that have not previously grown a crop of flax.

Prices, by mail: Lb., 45c; 5 lbs., \$2.00, postpaid. By freight or express f. o. b. Madison: Pk., \$2.90; bu. (56 lbs.), \$9.00; 3 bu. at \$8.90 per bu. Bags free.

## SPRING RYE

(Sow 70 to 98 pounds to the acre.)

Spring Rye is a valuable crop and should be more largely sown.

First. It can be sown late in the spring, later than other spring grain.

Second. It is a splendid nurse crop for clover, as the crop is harvested early.

Third. It does well on nearly all soils and can be grown on very poor land.

Fourth. It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.

Prices, Standard Seed, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: Pk., \$1.25; bu. (60 lbs.), \$4.00; 3 bu. at \$3.90 per bu. Sacks free.

## SUNFLOWER MAMMOTH RUSSIAN

A great feed for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn.

Prices, by mail: Oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$3.10; 100 lbs., \$28.00. Sacks free.

## RAPE DWARF ESSEX

Dwarf Essex Rape makes a quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

In early spring, 5 to 10 pounds per acre.

With spring grain or just as it begins to come up, 2 pounds per acre to provide pasture after harvest.

With corn just before the last cultivation.

We handle only the best and purest Genuine Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort.

Prices, by mail: Lb., 45c; 5 lbs., \$2.00, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$2.30; 100 lbs., \$20.00. Bags free.



A Hog Pasture of Dwarf Essex Rape.



A Field of Blackhawk Wheat.

## WINTER GRAINS BLACKHAWK WHEAT

Blackhawk is a new variety of soft red winter wheat bred at the Wisconsin Agricultural Experiment Station. It was first released in 1944 for certified seed production in 1945. It combines a high degree of disease resistance with superior yielding ability and has satisfactory milling and baking qualities for pastry flour. The performance of this new winter wheat this past year was outstanding and many yields of over 50 bushels per acre have been reported. Write for fall prices.

Prices, Wisconsin Certified W Brand, by freight or express f. o. b. Madison: Bu., not sealed, \$4.50; in 2½-bu. sealed bags, \$11.25 per bag. New bags free. Single bushels or a broken lot will not be sealed.

Standard Stock. Grown from certified seed but not sealed and certified. By mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: Pk., \$1.25; bu., \$4.00; 3 bu. at \$3.90 per bu.

## WINTER RYE Wisconsin Pedigree Rye

Grows a stiff strong stem, standing up well on even rich ground. The heads are of unusual length and kernels are large and plump. Plant in the fall. Write for prices in fall.

### Rosen Rye

Introduced by the Michigan experiment station, and considered one of the best of winter ryes. It produces grain which is considerably larger than other winter sorts. Kernels are plump and heavy, bright yellowish-blue in color, stalks are stiff and strong. A heavy yielder. Write for prices in early fall.

### Balboa Rye

A variety of winter rye introduced by the Indiana experiment station. It is popular where rye is used in feeding dairy cattle as it does not taint the milk. Write for prices in the fall.

## VETCH

### Sand or Winter

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and ½ bushel grain per acre, oats or barley in the spring, rye in the fall. Makes splendid hay, also fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 55c; 5 lbs., \$2.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$3.30; 100 lbs., \$30.00.

## FIELD SEEDS BY MAIL

Seeds up to 70 lbs. can be sent by mail. If more seed is wanted than is quoted postpaid, see our postage rate chart, page 63.



# OLDS' FIELD and SOY BEANS

(Sow 120 pounds to an acre.)

Until a few years ago, soy beans in Wisconsin were mostly grown for hay. Now with the new improved early varieties they are becoming popular as a cash crop. Soy beans are valuable in many ways. They yields large amounts of high protein forage, rich in food value and are splendid for either hay or silage. They improve the soil fertility and are equal to 8 loads of stable manure to the acre. They are more resistant to frost than corn and will withstand hot weather. They are the only legume crop that will grow on acid soil and build up the land and they are adapted to nearly all soils, especially sandy soil. When other early planted crops fail they make a wonderful emergency crop as they can be put in late. The grain will not deteriorate in value when the crops stand a considerable length of time after maturity and with processing plants now available, it gives the farmer a splendid additional cash crop. The ground beans are considered better than oil meal for mixing with home grown grains to balance the dairy ration.

## WISCONSIN MANCHU NO. 606 SOY BEAN

This is a selection of Manchu made at the Spooner Branch Experiment Station. About a week earlier in maturing than Manchu No. 3. The yellow beans and the plant are similar to Manchu.

Prices, by freight or express f. o. b. Madison: Wisconsin Certified W Brand, bu., not sealed, \$4.50. Sealed in 2½-bu. bags, \$11.25 per bag; 3 bags (7½ bu.), \$11.15 per bag. Bags free.

Standard Stock, by freight or express f. o. b. Madison: ½ pk., 70c; pk., \$1.30; bu., \$4.00; 10 bu. at \$3.90 per bu. Bags free.

## WISCONSIN MANCHU NO. 3 SOY BEAN

A selection by the Wisconsin Experiment Association of the Manchu Soy Bean. In appearance it resembles the Manchu. We think it the best medium season soy bean. It ranks as the best in this section for quality and yield. Its high oil content makes it a desirable commercial soy bean. Good seed production in southern Wisconsin.

Prices, by freight or express f. o. b. Madison: Wisconsin Certified W Brand, bu., not sealed, \$4.50. Sealed in 2½-bu. bags, \$11.25 per bag; 3 bags (7½ bu.), \$11.15 per bag. Bags free.

Standard Stock, by freight or express f. o. b. Madison: ½ pk., 70c; pk., \$1.30; bu., \$4.00; 10 bu. at \$3.90 per bu. Bags free.

## FIELD SEEDS BY MAIL

Reasonably large amounts of field seeds can be shipped by parcel post faster, and in many instances cheaper than freight or express. Check our postal rate chart on page 63, and include postage with your order if you want items not quoted postpaid shipped in this manner.

## OLDS' FIELD BEANS KIDNEY BEANS

**DARK RED** (60 to 90 pounds to the acre). Used in soups, chili, and salads.

Prices, by mail: ½ lb., 40c; lb., 60c; 5 lbs., \$2.40, postpaid. By freight or express f. o. b. Madison: ½ pk., \$2.25; pk., \$4.25; bu., \$15.75; 5 bu. at \$15.60 per bu. Bags free.



Michelite Navy Beans.

## NAVY BEANS

4. **MICHELITE NAVY.** A new strain of navy beans. Very uniform in maturing and growers state they hardly need hand picking. Very high producer.

Prices, by mail: Lb., 40c; 5 lbs., \$1.60, postpaid. By freight or express f. o. b. Madison: ½ pk., \$1.25; pk., \$2.35; bu., \$8.40; 5 bu. at \$8.35 per bu. Bags free.

## LINCOLN SOY BEAN

Developed in Illinois in cooperation with the U. S. Department of Agriculture and released a few years ago to the Central soy bean area. For seed it ranks high in oil, yields good, and is moderately stiff in stem. In Wisconsin it is reasonably dependable only in the Southern tier of counties when planted early. It can be used for hay in the south half of Wisconsin. Because of its high yielding qualities, where adapted, it is probably the leading soy bean for seed production. We consider it superior to the old Illini soy bean which we are discarding in favor of this variety.

Prices, by freight or express, f. o. b. Madison: Certified Stock, bu., \$4.50; 10 bu. or more, \$4.40 per bu. Bags free.

Standard Stock, by freight or express, f. o. b. Madison: ½ pk., 70c; pk., \$1.30; bu., \$4.00; 10 bu. at \$3.90 per bu. Bags free.

## FLAMBEAU SOY BEAN

A very early high yielding new variety developed at the Spooner Experiment Station and released about 1944. It was developed from one of a number of single plant selections in 1939 out of an early Russian variety. It will generally ripen wherever 80 or 85 day hybrid corn will mature. Pods are set quite close to the ground. The peas have a black hilum similar to Manchu, but are somewhat longer and a portion has slightly wrinkled seed coats. The oil content is about 19 per cent. Not the most desirable as hay but probably the best variety to grow for seed in the North.

Prices, by freight or express f. o. b. Madison: ½ pk., 85c; pk., \$1.55; bu., \$5.00; 10 bu. at \$4.90 per bu. Bags free.



Eastern Experimental Station Soybean Field. Left, not inoculated; right, inoculated with NITRAGINS.

## SUDAN GRASS

(Sow 35 pounds to an acre.)

Sudan grass is primarily a hay grass but is widely used for late summer pastures when native grasses are less productive during the dry weather. It is a heavy yielding grass yielding up to two to four tons of cured hay per acre in one cutting in Wisconsin. The quality of the hay is better than millet. It can be sowed late, up to June 20 and is valuable as an emergency crop when earlier planted crops fail. Will withstand long periods of drought and is a good crop to use to smother Canada thistle and quack. After the hay crop has been taken off it makes a fine late pasture as it grows up again quickly. It is strictly an annual, dying at the end of the season. Price: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.50; 100 lbs., \$12.00. Bags free.

## SWEET SUDAN

A cross of a sweet disease resistant sorghum with common Sudan made by the Texas Experiment Station. In the South it will probably replace common Sudan as it is more palatable to livestock, broader leaves, larger stems and makes a taller growth, stooling heavier than the common. Cattle will eat it to the ground before touching the common Sudan. It is later maturing and should not be pastured until it is at least twenty-four inches high as the sugar does not start setting below that height. Being a new item that originated in the South its value in the North has not yet been fully established. We suggest, however, that farmers give it a trial.

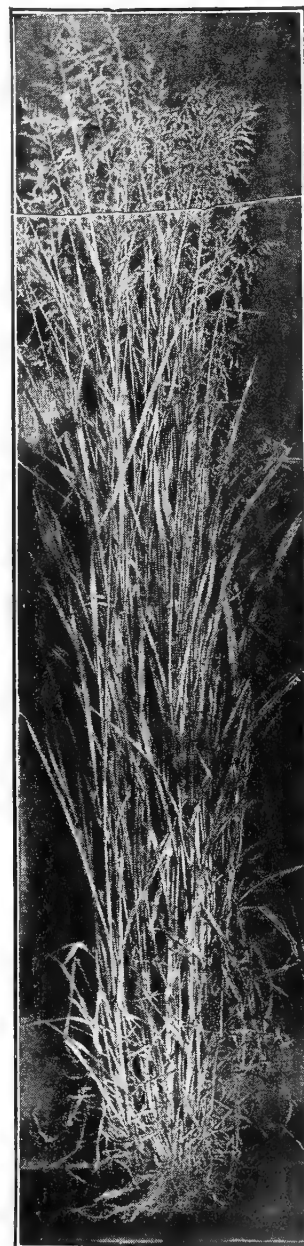
Prices: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.80; 100 lbs., \$15.00. Bags free.



A Planting of Soy Beans for Hay.

## POSTPAID SOY BEAN PRICES:

1 lb., any variety, 40c; 5 lbs., \$1.75, postpaid.



Sudan Grass.

# OLDS' WISCONSIN CERTIFIED SEED POTATOES

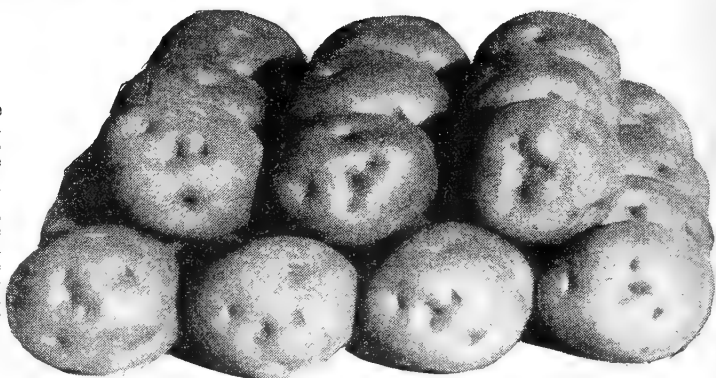
(Plant 8 to 12 bushels to the acre.) Bushel = 60 lbs.

## WHAT IS CERTIFIED SEED?

**WISCONSIN CERTIFIED STOCK** is your guarantee of quality seed. The seed fields must be inspected at least twice while growing in the fields by an official State Inspector and again in the bin after being dug, and both times pass the necessary requirements. The fields must be sprayed for disease on the order of an official inspector. The stock must be practically 100% pure in type, must be free from late blight rot, blackleg, powdery scab, leaf roll, tuber moth, Sclerotium Rolsii Wilt, potato wart, ring rot, brown rot, and conform reasonably to the correct vine and tuber characteristics of the variety. The seed used in planting the crop must be proven certified seed that has a history starting from carefully selected plants, true to type and free from mixture. Complying with all the above requirements, the potatoes are eligible for certification and are placed in official branded bags and sealed with official tags. In less than full bags, orders are filled in our bags and with our labels. Field and bin inspections are made by the Wisconsin College of Agriculture and final pack inspections by the State Department of Agriculture.

The L. L. OLDS SEED COMPANY has had a nation-wide reputation for seed potatoes. We began with nothing but seed potatoes 62 years ago and have made a specialty of them ever since. If you are not already using our Certified Seed, change to good seed now.

**PRICES FOR 1949.** All prices quoted are subject to change and are for shipment by freight or express in late March or April, weather permitting, f. o. b. Madison, Wisconsin. Bags are free.



Early Irish Cobbler.

## EARLY IRISH COBBLER

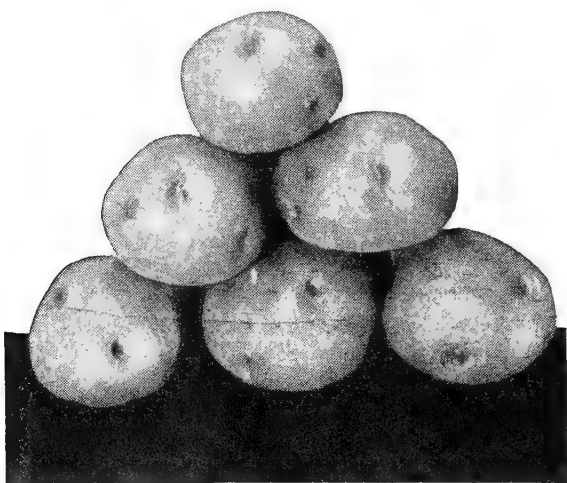
Most Popular Early White Variety

Early Irish Cobbler seems to continue to increase in popularity. People like a white potato. It is famous now the country over. At first it was largely grown for the early market by the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States and it is a standard, well-known variety now nearly everywhere.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Early Triumph. It usually outyields Early Triumph although not quite as early.

The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., 95c; bu., \$3.30; 100 lbs., \$4.75; 500 lbs. at \$4.65 per 100 lbs.



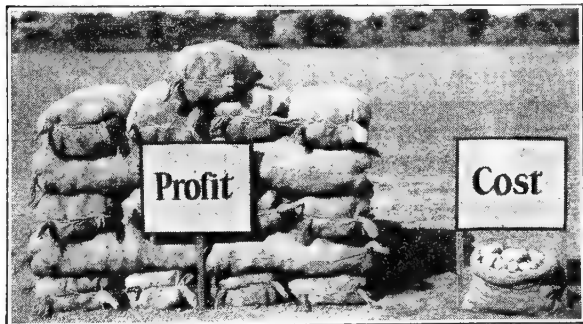
Early Triumphs.

## EARLY TRIUMPH

Triumph is a standard extra early. It is a variety grown in tremendous quantities in northern Wisconsin for seed and shipped to the southern growers in the Fall who grow them during the Winter months and supply the first early new potatoes on the market. A heavy yielding variety in northern Wisconsin, but is inclined to yield light in the southern part of the state. Potatoes are nearly round, light red skin, moderately shallow eyes and always cook mealy and white.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., 95c; bu., \$3.30; 100 lbs., \$4.75; 500 lbs. at \$4.65 per 100 lbs.

## TREAT POTATOES WITH SEMESAN BEL.



For better yields treat seed with Semesan Bel.

Only 0.4 bushel of the average yield increase of 35.4 bushels were required to pay for the Improved Semesan Bel, leaving a return of 9,830 per cent on money invested!

Tests in 15 states have proved that most potato growers can usually expect better returns from seed potatoes if they treat them with Semesan Bel. Costs only about 21c an acre—generally reduces seed-piece decay, seed-borne scab and Rhizoctonia. No mussy soaking—after cutting just dip, drain, dry and plant! One pound treats 60 to 80 bushels of seed. Prices: 2 oz., 35c; 1 lb., \$1.83; 4 lbs., \$6.33. By express or freight f. o. b. Madison: 40 lbs., \$59.00; 100 lbs., \$138.75. Sizes and prices subject to change.

## BARSPROUT

Stops Sprouting of Eating Potatoes in Storage. See Page 79.

## SEBAGO

Late Blight Resistant Potato

A late potato introduced and released in 1937 by the United States Department of Agriculture at the Potato Breeding Station at Presque Isle, Maine, from a cross between Chippewa and Katahdin. During a period of about five years, prior to its introduction, it exhibited remarkable resistance to late blight tuber rot caused by one of the most serious Potato diseases, known as Phytophthora Infestans which was the disease that caused the crop famine in Ireland in 1845. From 1938 to 1941, the Wisconsin College of Agriculture carried on extensive tests in nine different Potato-producing counties. These years the blight was unusually severe, but Sebago showed only 5% Blight Tuber Rot whereas the other standard sorts showed as high as 75 to 85% tuber rot. Recent tests also show that this variety is highly tolerant to Potato Hopperburn caused by the Potato Leaf Hopper. Wisconsin College of Agriculture Potato Specialists have found the Sebago is definitely resistant to the Yellow Dwarf disease which often causes heavy losses in the sandy soil regions of Wisconsin, Michigan and Minnesota. Its yielding ability is about the same as Russet Rural or Cobbler. Cooking tests show the variety to cook up white where under the same conditions standard varieties cooked black.

The tubers are very similar to Chippewa—white, thin skinned, shallow-eyed, and oval to oblong in shape. Vines are large, definitely upright in growth habits. During hot weather it has a tendency to roll its leaves which cause it to resemble the Leaf Roll Disease. This, however, has no connection with the disease. In season it is definitely a late potato. It sets its tubers several weeks earlier than Rurals, but the vines remain green just as long and sometimes longer. Because of its fine quality and thin skin, it is quite susceptible to Scab. Plants set heavy with tubers and therefore it requires a fertile soil.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., 95c; bu., \$3.30; 100 lbs., \$4.75; 500 lbs. at \$4.65 per 100 lbs.



Blight Resistant Sebago.



Grading Katahdins.

## KATAHDIN

### Heavy Yielding Late Storage Potato

Katahdin is one of the higher yielding late varieties, which is generally adapted to Wisconsin growing conditions. It was developed by the U. S. Dept. of Agriculture at Presque Isle, Maine. It is a heavy yielder, resistant to mild mosaic, tolerant to heat and drought conditions, but extremely susceptible to scab. On scab-free soils it produces beautiful white tubers of high market quality. The potatoes are very similar in shape and appearance to Chippewa. The skin is velvety white, very shallow eyes, oblong and somewhat flat in shape. On light soils the tubers have a tendency to come up through the soil and sunscald. The vines seem quite resistant to Hopperburn. The best keeping variety on our entire list.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., 95c; bu., \$3.30; 100 lbs., \$4.75; 500 lbs. at \$4.65 per 100 lbs.

## RUSSET RURAL

In appearance, size and yield, the Russet Rural is very similar to the White Rural New Yorker, the only difference is that the skin is slightly russet and tubers in shape are more flat and a trifle shorter. Growers claim that the Russet has a little better quality than the White, and are more popular on some markets. An old variety that is losing its popularity rapidly to the new Chippewa and Blight Resistant Sebago varieties. Resistant to Hopperburn. Like the White Rural it sometimes cooks up dark. The shallow eyes and attractive appearance make it popular on the market, but it is largely grown because it yields heavily and is quite resistant to scab.

Prices, Wisconsin Certified Stock, by express or freight f. o. b. Madison: Pk., 95c; bu., \$3.30; 100 lbs., \$4.75; 500 lbs. at \$4.65 per 100 lbs.



Russet Rurals.

## POTATO EYES

Customers who want a few hills of potatoes or who live a long distance from Madison and find the transportation cost excessive can plant our Certified Seed by ordering the eyes.

We furnish potato eyes in boxes of 150 eyes each, labeled and specially packed to keep for weeks in excellent condition. Orders will be filled at the right time.

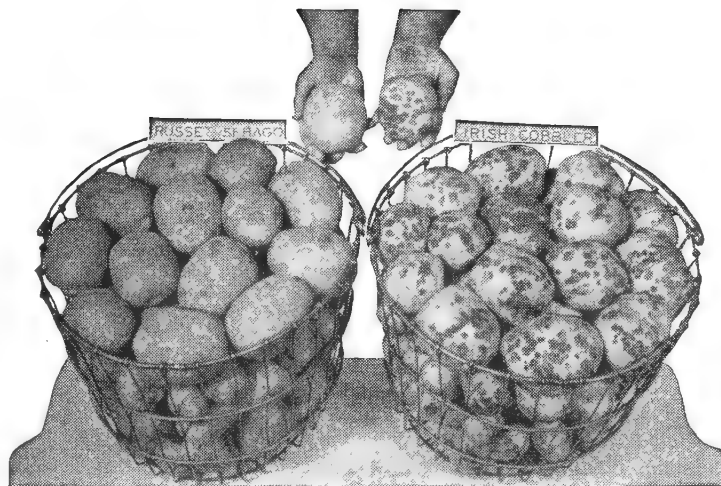
### Prices Potato Eyes

Early varieties: Early Irish Cobblers and Early Triumphs. 1 box, 150 eyes, \$1.50; 2 boxes, 300 eyes, \$2.75, postpaid.

Late varieties: Katahdins, Sebago, Russet Sebago, Russet Rural, Burbank and Chippewa. 1 box, 150 eyes, \$1.75; 2 boxes, 300 eyes, \$3.25, postpaid.

### HOW TO PLANT.

Plant two eyes to the hill 5 inches deep in rows 3 feet apart and 1½ feet apart in the rows.



Russet Sebago is scab free grown on scab infested soil.

## NEW SCAB RESISTANT RUSSET SEBAGO

This variety is resistant to more potato diseases than any other variety and is being used extensively by potato plant breeders. Developed by Professors Wayne Weber and Henry Darling and Dr. Gus Reimann at the Wisconsin College of Agriculture. It is essentially the Sebago in a Russet skin. Like Sebago it is resistant to late blight, is a heavy yielder, cooks up white, and the tubers are well shaped with shallow eyes. The tougher Russet skins give this strain more resistance to scab than its parent, the smooth, thin skinned Sebago. If you have scab infested soil you should plant this new variety. We consider Russet Sebago superior to the Russet Rural, which formerly was our best variety on scab infested soil. As it is a new variety seed stocks are likely to be short, and we advise you to place your order early to be sure of seed.

Prices, Wisconsin Certified stock, by freight or express, f. o. b. Madison: Pk., \$1.05; bu., \$3.40; 100 lbs., \$4.95; 500 lbs. at \$4.85 per 100 lbs.

### Potatoes by Mail—Postpaid

If you want your potatoes sent by parcel post add amount shown in chart to prices quoted and instruct us to send by mail.

Distance from Madison	Pk.	½ Bu.	Bu.
Up to 150 miles.....	\$0.30	\$0.60	\$1.20
150 to 300 miles.....	.45	.90	1.80
300 to 600 miles.....	.75	1.50	3.00
600 to 1,000 miles.....	.90	1.80	3.60

## RUSSET BURBANK—IDAHO

In Wisconsin, generally speaking, this variety does not yield good, but on some muck soils and in some areas it has done very well. On the market it is generally sold as Idaho Russet, and is one of the best potatoes for baking. The oblong potato has a well netted brown skin, and the eyes are shallow. A well known variety on the market which is usually offered at higher prices than other varieties. Prices: Wisconsin certified stock by express or freight, f. o. b. Madison: Pk., 95c; bu., \$3.30; 100 lbs., \$4.75; 500 lbs. at \$4.65 per 100 pounds.

## MENOMONEE

We are not offering Menomonee seed potatoes this year as we believe that the new Russet Sebago is very much superior to Menomonee.

## SEQUOIA

While the Sequoia is a high yielding variety we do not list it as it is susceptible to scab and tuber blight, and produces ill-shaped oversize tubers of poor cooking quality.

## CHIPPEWA

### The heavy yielding midseason potato

Chippewa.

A midseason or second early potato introduced by the U. S. Department of Agriculture which in trials has proven outstanding for the northern states. It is resistant to mild mosaic and a heavy yielder. The Grand Rapids Station reports a yield of 464 bushels to the test plot. Mr. R. L. Donovan of the Grand Rapids Station states that Chippewa will replace the old standard varieties and outyield them by a large margin. We recommend it to Wisconsin potato growers as it is earlier than Green Mountain and other late potatoes and is a handsome potato and a heavy yielder. The skin is velvety white, has shallow eyes and is oblong in shape. Since we first introduced this new potato, our sales have greatly increased each year. Seldom has hollow hearts and always cooks up white.

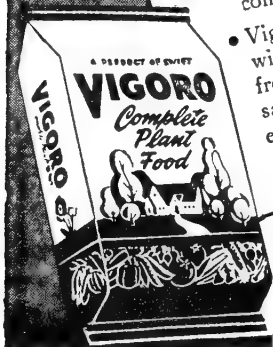
Prices, Wisconsin Certified stock, by freight or express f. o. b. Madison: Pk., 95c; bu., \$3.30; 100 lbs., \$4.75; 500 lbs. at \$4.65 per 100 lbs.



# Have a Beautiful Lawn!



- Don't be satisfied with a sparse, spotty lawn. You can very easily have one that's "the finest in the neighborhood."
  - Feed your lawn with VIGORO, complete plant food!
  - Vigoro supplies all growing things with the nourishment needed from the soil. It is clean, odorless, sanitary, and easy to use. Most economical, too!
- A PRODUCT OF SWIFT**



**Vigoro Prices F.O.B. Madison**  
 100-lb. bag, \$4.25; 25-lb. bag, \$1.60; 10-lb. bag, 90c; 5 lbs., 50c; 1-lb. bag, 15c; by mail, 25c.

## VIGORO TABLETS

For house plants, window boxes, and specimen plants, many gardeners prefer the convenience of Vigoro Tablets. Vigoro Tablets are complete, balanced plant food in handy tablet form. Price: Pkg. (24 tablets), 10c, postpaid.

## VITAMIN-HORMONE STIMULANTS TRANSPLANTONE

Transplantone, the hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, and plants in general, take root faster. Produces earlier maturity and larger crops when used on tomato, cabbage, celery, lettuce, tobacco, and sweet potato plants. Prices: ½ oz. pkt., 25c; 3 oz. can, \$1.00; 1-lb. can, \$4.00, postpaid.

## ROOTONE

Rootone, the plant hormone powder, for cuttings, seeds, tubers and bulbs. Just dip the base of the cutting or slip in Rootone, set in sand, and the roots will grow faster and bigger. By dusting seed with Rootone, seedlings grow faster and more uniformly, producing stronger plants and better crops. Prices: ¼ oz. pkt., 25c; 2 oz. jar, \$1.00; 1 lb. can, \$5.00, postpaid.

## FRUITONE

More Tomatoes and More Seedless Tomatoes with Fruitone.

This plant hormone spray will help develop a better set and a bigger crop of tomatoes. If the spray hits the blossoms after blooming and before pollination, the tomatoes will be seedless. Simple and easy to use. Fruitone also helps grow big berries on berry-bearing shrubs and stops pre-harvest drop on fruit trees. Prices: 25c packet makes 5 gallons; \$1.00 package makes 25 gallons; \$5.00 size makes 150 gallons. Postpaid.

## ROSETONE

Rosetone is a proven combination of Hormones and Vitamins. It insures the success of your roses. Soak roots of bushes in Rosetone before planting. Water your established rose bushes for better growth. Prices: ½ oz. packet, 25c; 3 oz. package, \$1.00, postpaid.

# Olds' Plant Foods and Soil Builders

## SHEEP MANURE

Pulverized Sheep Manure is a natural, organic fertilizer for lawns, gardens, window boxes, plants, shrubs, trees. Contains humus which is ideal for sandy and clay soils. Prices: By freight, f. o. b. Madison: 25-lb. bag, 95c; 50-lb. bag, \$1.60; 100-lb. bag, \$2.75; 2,000 lbs., \$46.16.

## BONE MEAL

For roses, peonies, tulips and other flowers requiring a good supply of phosphorus. 26% total phosphoric acid. Prices: F. O. B. Madison, 10 lbs., 85c; 50 lbs., \$2.75; 100 lbs. \$4.50.

## ALUMINUM SULPHATE

Used to acidify soils for plants that require an acid soil. 4 lbs. to 100 square feet will acidify the soil one P. H. in two weeks' time. Prices, f. o. b. Madison, by freight or express: 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 100 lbs., \$4.00.

## BORATE

Many Wisconsin farms are experiencing difficulty in growing alfalfa due to boron deficiency in the soil. This is one of the plant nutrients needed by all crops for normal growth. Can be applied any time from spring to late fall at the rate of 25 to 40 pounds per acre. For grain, should be broadcast, and worked into the soil ten days to two weeks before seeding. Prices, by freight or express f. o. b. Madison: 25 lbs., \$1.50; 100 lbs., \$4.00; 500 lb. lots, \$3.75 a hundred pounds.

## SWIFT'S RED STEER FERTILIZER

Prices on fertilizer are f. o. b. our warehouse, terms net cash. All deliveries are subject to price in effect at time of delivery.

**BLEND 3-12-12** plus minor elements, especially designed for corn and grains to give higher quality and yields. Price: \$49.33 ton.

Nit.	APA	Pot.	Price, Per Ton
4 .....	12 .....	8 .....	\$46.33
3 .....	12 .....	12 .....	46.20
2 .....	12 .....	6 .....	40.00
0 .....	14 .....	7 .....	40.38
0 .....	12 .....	12 .....	39.76



Model B Vigoro Spreader.

## VIGORO SPREADERS

A Vigoro Spreader assures better results because it applies Vigoro or seed evenly and accurately. Sturdily constructed and easy running. Works on force feed principle with handle control shut-off. Quickly adjusted. Simple to operate.

Model "B", 14-inch width, 20-lb. capacity. Price by freight or express, f. o. b. Madison: \$5.00. Shipping weight, 11 lbs.

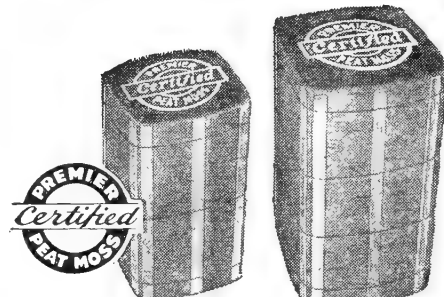
Junior Spreader. 16-inch width, 35-lb. capacity. Price by freight or express, f. o. b. Madison: \$8.60. Shipping weight, 23 lbs.

Standard Spreader. 24-inch width, 65-lb. capacity. Price, by freight or express, f. o. b. Madison: \$17.25. Shipping weight, 50 lbs.



**HYPONEX**  
 Grows BETTER Plants QUICKER

Complete, balanced plant food builds sturdy plants. Soluble, it assures immediate availability of growth-producing elements. Will not burn. Clean and odorless. Produces superior plants, vegetables, lawns, trees. Excellent for seedlings, cuttings and transplants. Use indoors or outdoors in soil, sand or water (Hydroponics). 1 oz. makes 6 gallons. Prices: 3 oz. can, 25c; 7 oz. can, 50c; 1 lb. can, \$1.00, postpaid.



HANDY BALE  
 13" x 14" x 30"

SUPER BALE  
 18" x 20" x 39"

## IMPORTED HORTICULTURAL PEAT MOSS

Poor soil texture can now be easily remedied by incorporating peat moss in the soil. It prevents clay soil from baking and sandy soil from drying out. Don't suffer disappointments because your soil texture is poor. Peat moss is more absorbent than a sponge and is a soil conditioner but not a fertilizer. Prices: By freight or express f. o. b. Madison: Handy bale (13x14x30), weight about 70 lbs., \$3.75; super bale (18x20x39 inches), \$4.95. Shipping weight about 100 lbs.

## IMPORTED POULTRY PEAT MOSS

A labor-saving litter, requiring changing only twice a year. Used moss makes ideal fertilizer.

A super bale will measure 18x20x39 in. and will cover an area of 250 square feet an inch deep. Prices, by freight f. o. b. Madison: Handy bale (13x14x30), weight about 70 lbs., \$3.70. Super bale, weight about 100 lbs., \$4.75.



**ACTIVO**

A multi-use garden-supply item. So versatile it meets some need for every gardener. It has five times as many uses as most compost hasteners.

1. Converts compost quicker, easier, and cheaper. 1 pound treats up to 225 pounds of compost; 25 pounds treats 3 tons.
  2. Converts garbage into humus, WITHOUT ODOR, in as little time as three weeks.
  3. Activates soils, stretches and improves chemical fertilizer, aids hot beds, reduces odor in outdoor toilets while converting waste into an odorless, ash-like plant food.
  4. Works any month of year. Works even on soot, sawdust, and coal dust.
  5. ORGANIC. (No Chemicals!) Doesn't kill earthworms. Odorless. A composition of nature's own friendly, beneficial micro-organisms.
- Prices: No. 2 size, about two pounds, treats up to 450 pounds, \$1.20; No. 7 size, about six pounds, treats up to 1,700 pounds, \$2.35, postpaid.
- By freight or express f. o. b. Madison: No. 25 size, about thirty pounds, treats up to three and one-half tons, \$6.79.

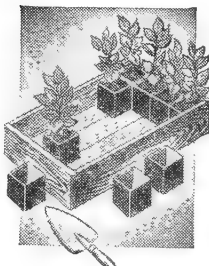


## VERMICULITE

A new soil conditioner that speeds up the rooting of cuttings and greatly increases germination of seeds. It is also ideal for mulching, and storing of root crops and bulbs. It seems to absorb moisture when bulbs are too moist and give off moisture when the bulbs are dry. Will not permit fungus or algal growth. It is clean, light and easy to handle. Famous florists and horticulturists highly indorse this new product. Price, by freight or express, f. o. b. Madison: Two cubic foot bag, \$1.65. Shipping weight, about 13 pounds. 5-bag lots, \$1.60 per bag.

## VITA PLANT BANDS

These bands contain an exclusive balanced plant food which feeds your plants on time—all the time. Designed to give surer and better results to the home gardener growing transplants. Promotes vigorous well balanced growth. Eliminates transplanting shock. Retains moisture, reducing drying out hazards. Sets up quickly. Easy to use. Easy to remove.



Vita Bands are made in two weights—Vita Band 40 which are for growing plants for a period of 40 weeks, and Vita Band 10 used for growing a period of 10 weeks. State kind wanted on your order.

Vita Band 40	50	100	Wt. per	1,000
Size	Postpaid	Postpaid	1,000 Madison	
1 1/4 x 1 1/4 x 2 1/2	....\$0.40	\$0.70	32 lbs.	\$4.90
2 x 2 x 2 1/2	.... .40	.75	36 lbs.	5.40
2 x 2 x 3	.... .45	.80	44 lbs.	5.90
2 1/2 x 2 1/2 x 3	.... .45	.85	52 lbs.	6.95

Vita Band 10	50	100	Wt. per	1,000
Size	Postpaid	Postpaid	1,000 Madison	
1 1/4 x 1 1/4 x 2 1/2	....\$0.30	\$0.55	21 lbs.	\$3.35
2 x 2 x 2 1/2	.... .35	.60	23 lbs.	3.65
2 x 2 x 3	.... .40	.65	28 lbs.	4.15
2 1/2 x 2 1/2 x 3	.... .40	.70	32 lbs.	4.75

## TOM THUMB FLATS



Without Bands



With Bands

These flats are made of heavy waterproof fibre resinous material. With each flat there are 12 No. 10 Vita Bands. Grow your own plants which are easy to transplant without root shock. Plant growers will build repeat business when they sell their plants in these flats. Available in two sizes, No. 1 has 1 1/4-inch bands and the No. 2, 2-inch bands. Specify size when ordering. Prices, each, 20c; 5 for 90c; 10 for \$1.60, postpaid.

## FLATS WITHOUT BANDS

By freight or express, f. o. b. Madison: No. 1 size, \$1.00 a hundred; \$35.80 per thousand; No. 2 size, \$1.40 per hundred; \$39.85 per thousand. Shipping weight, 200 pounds a thousand.

## NEW GREEN GROWING POTS

Made of strong waterproof paper; light, unbreakable and will not rot. Will reduce growing costs. They weigh just one-tenth as much as clay pots and require less water.



	By mail	By Express	f.o.b.
	25	100	Wt. per Madison
2 1/2-inch.....	\$0.50	\$1.45	22 lbs. \$11.50
3-inch.....	.55	1.65	28 lbs. 13.15
3 1/2-inch.....	.70	2.00	39 lbs. 17.00
4-inch.....	.80	2.30	52 lbs. 20.30

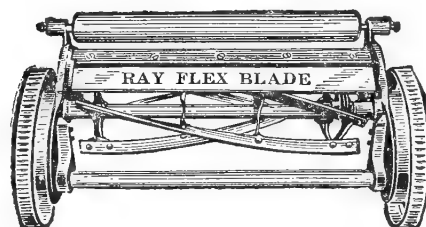


Just a Twist of the Twist

**Germaco**  
**TWIST-EMS**  
Pat. Pend. T.M. Reg.  
U. S. Pat. Office.  
Help You To Support  
Plants Quickly, Neatly,  
Permanently.

Say "goodbye" to unsightly twine and raffia, to needless work with shears. Say "hello" to TWIST-EMS, to gardening fun, to lovely plants neatly and properly supported. TWIST-EMS—strong, dark-green "invisible" tapes with wire reinforcing—protect stems, permanently supports annuals, perennials, shrubs, and vegetables. Grand for flower arrangement. Millions used by successful nurserymen, professional and amateur gardeners. Prices: Trial box of 50, 8-inch size, 15c; box of 125, 8-inch size, 35c; box of 125, 16-inch, for bunching vegetables, 65c, prepaid.

## MAKE YOUR PRESENT LAWN MOWER BETTER



They need no sharpening, are unbreakable, render wire, stone and all obstructions harmless to the reel. Mower will run 50% easier and will reduce the wear on the entire machine. Take off old blade and reverse. Clamp on Ray-flex blade. If old blade is riveted, grind off rivets and replace with flat headed stove bolts. Give length of your stationary blade. No. 903A Price: 14 to 21-inch blades, \$1.90 each, postpaid.

## PAINTED WOOD GARDEN LABELS

For marking varieties and labeling plants and bulbs.

	By Mail	By Express
	25	100
Painted Labels, 3 1/2 x 1/2	..\$0.20	\$0.40
Painted Labels, 4 x 1/2	.. .20	.45
Painted Labels, 6 x 1/2	.. .25	.50
Painted Labels, 8 x 1/2	.. .25	.60
Painted Labels, 10 x 1/2	.. .30	.70
Painted Labels, 12 x 1/2	.. .55	1.50
Painted wired labels, 3 1/2 in.	.. .25	.55

## SOIL SOAKER



Like an all-night rain, it really soaks the soil. Water seeps through the entire length gently. No sprays. Puts water where you want it. All soaks to the roots. Made of scientifically treated mildew resistant canvas. One end screws to the water hose, the other end is closed. Water seeps through the pores directly into the soil over an area of several feet on all sides. No waste on walks or driveways. Save 25 per cent on your water bill. Prices: 12-ft. hose, \$1.65 each; 18-ft. hose, \$2.20; 30-ft. hose, \$3.40, postpaid.

## NATURAIN IRRIGATOR

The finest sprinkler and irrigating system for the lawn and garden. See page 36.

**stikit wicket**  
REG. U.S. PAT. OFF.  
the modern  
fencing



PROTECTS AND BEAUTIFIES

**\$2.40**  
THE DOZEN

In cartons of two dozen (makes 24 feet of fence) 21" High, 12" Wide, 1/4" steel enameled green  
Prices: 1 doz., \$2.40; 2 doz., \$4.70; 4 doz., \$9.20, postpaid.

## WEED KILLERS

### SODIUM CHLORATE

For weed eradication on farms such as quack grass, Canada thistle, etc. Temporarily sterilizes the soil but it is the best killer of quack grass. Price: By freight f. o. b. Madison: 100-lb. drums, \$12.00 each, subject to change.

### ENDOWEED

Spray ugly weeds away with EndoWeed. The new improved selective weed killer containing 2,4-D penetrates entire plant, kills leaves, stems, roots and all, but will not harm ordinary lawn grass nor affect the soil (injurious to clover). We recommend this for dandelions, chickweed, plantain, and thistle in the lawn. Easily applied with sprinkler can or sprayer. Prices: 1/2 pt. (treats 2,000 sq. ft.), \$1.00; 1 qt. (treats 8,000 sq. ft.), \$2.75, postpaid.



### AMMATE WEED KILLER

Ammate is based on ammonium sulfamate and is free from fire or explosion hazards. The residue left on areas treated with Ammate is not poisonous to humans, pets or livestock. Especially effective against poison ivy, poison oak, poison sumac, chokecherry, ragweed, Canada thistle, bull thistle, sow thistle. Use at 1/4 lb. to 1 lb. per gallon of water to control above named weeds. Prices: 2-lb. pkg., 85c; by mail, \$1.00; 6-lb. pkg., \$2.25; by mail, \$2.50 By freight or express f. o. b. Madison: 50-lb. drums, \$13.00 each; 350-lb. drum, \$70.00.



### 83% DUPONT 2-4-D POWDER



We prefer this highly concentrated 2,4-D as it dissolves so quickly in water. A most excellent material for field operation. 1 pound to 100 gallons of water makes 1,000 parts of 2,4-D per million parts of water. Price, f. o. b. Madison, by freight or express: 25-lb. drum, \$33.60 each.

### DU PONT 2-4-D 46% ESTER

Some of our customers prefer the liquid Ester type weed killer, especially in orchards or shady locations where it seems to be more effective than the powder. Price, 1 gallon (makes 100 gallons of spray), \$9.25, postpaid.

### SWIFT'S GOLD BEAR 40

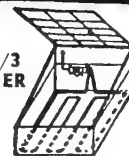
A liquid concentrate that brings to the farmer the greatest ease for use as it mixes readily and is easily measured. Contains a sequestering agent which does an outstanding job in preventing ironization of sodium and magnesium salts in hard water. It affords considerable latitude in use and is particularly well adapted to low-volume spraying. Triethylamine salt concentrate of 2,4-D free acid 40% equal to 4.0 lbs of acid per gallon. Prices: f. o. b. Madison by freight, 1 gallon can, \$8.80; 5 gallon drums, \$42.25 each.

### SWIFT'S GOLD BEAR "44 ESTER"

A liquid "ester" formulation that is best for controlling hard-to-kill weeds and woody plants such as poison ivy, Cherokee rose, willows, etc. It acts quicker, but because of possible vapor drift, it should not be used near desirable plants. It contains isopropyl ester, acid equivalent 37% or 3.34 lbs. acid per gallon. Prices: freight or express, f. o. b. Madison, 1 gal. cans, \$10.35 each; 5 gallon cans, \$50.00.

## 'GRO-QUICK' ELECTRIC SEED BED HEATER

SEED UP IN 30 HOURS  
ROOT CUTTINGS IN 6 DAYS  
CUT GERMINATION TIME BY 2/3  
TRANSPLANT 2 WEEKS SOONER



Above user reports show what Gro-Quick soil cable will do. 6 cable sizes for 1 flat to large beds. New catalog, plans free. For hot-beds, cold frames, greenhouse benches, flats, cabinets. Uses house current.

J40A 40' cable & thermo. for 1 sash \$6.75  
S80A for double sash bed (36 sq. ft.) \$9.00

## CORN PLANTER No. 306A

Will plant up to six acres per day. All working parts steel including stripper. No brushes to wear out or heavy cast iron to carry. Same as No. 308A but without Fertilizer Attachment. Each, \$3.00; by mail, \$3.15.

## CORN PLANTER WITH FERTILIZER ATTACHMENT No. 308A

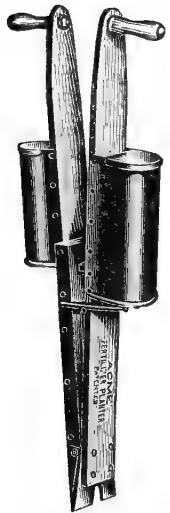
An accurate, time-saving combination. Adjustable to any quantity desired. No contact between corn and fertilizer. No clogging or cracking. Our most popular seller. Each, \$5.00; by mail, \$5.25.

## ROTARY CORN PLANTER No. 309A

Full rotary adjustable seed plates. Plants corn, peas, beans and similar seeds as fast as you walk. Adjustable depth gauge. Easily operated—just like a walking cane. Each, \$5.00; by mail, \$5.25.

## POTATO STICK PLANTER No. 300 A

Jaws of special rolled steel treated with rust preventing solution. Has malleable iron trip lever. Effective on all soils. Price: \$2.25; by mail, \$2.40.



No. 308A With Fert. Att.

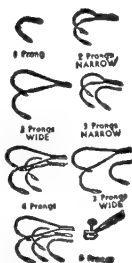
## 1523A—GARDEX CULTIVATOR AND WEEDER



Cultivate and weed with only one tool. An important tool for every gardener. Three-prong cultivator loosens soil thoroughly while the weeding blade cuts off weeds quickly. One tool for two purposes. Three prongs 4 1/2 inches wide. Weeding blade 4 inches wide. Each, \$1.60; by mail, postpaid, \$1.75.

## 1605A—INTERCHANGEABLE GARDEN CULTIVATORS—Seven Tools in One

An ideal tool and the friend of many gardeners. A faithful helper for every woman who tends her own flower and vegetable garden. Loosens and air-conditions the soil in flower and vegetable gardens. The position of the tines cause them to penetrate any soil easily and they loosen and aerate the ground thoroughly with an easy pulling motion. No chopping hoe can do this job so easily and neatly. No backaches, no blisters. It's a favorite tool with every gardener. Use 1 tine at 3/4 inch, 3 times at 4 inches or all 5 tines at 7 inches. Each, \$1.85; by mail, \$2.00, postpaid.



No. 165A Graswip.

## 9027A NURSERYMEN'S HOE

High carbon steel blade sharpened on three sides, seven inches in width, four and one-half foot handle set in a socket which gives the handle strength where strength is needed. Price: Each, \$1.40, by mail, \$1.60, postpaid.

## GRASWIP NO. 165A

Cut your grass without stooping. Swings like a golf stick. Sharp edge on each side of blade. The handiest tool to cut grass on steep terraces and under shrubbery. Each, \$1.90; by mail, \$2.00, postpaid.

## CULTIVATOR HOE



No. 1400-A

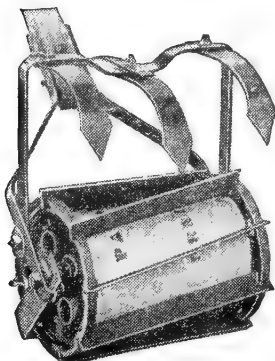
Every garden needs a Norcross, no matter what other hoes you may have. 5-prong, 4-foot handle. Each, \$1.75; by mail, \$1.90.

## BARKER WEEDER, MULCHER and CULTIVATOR 3 TOOLS IN ONE

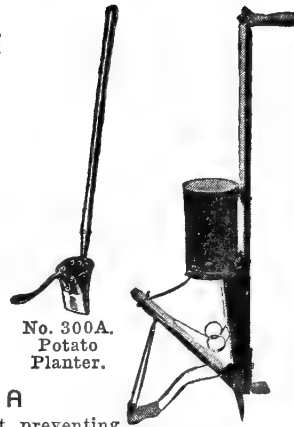
### GARDENING IS EASIER WITH A BARKER

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes.

No. 1A—8 1/2-inch Barker. 8 1/2-inch cut. A favorite in the family garden. Weight, 15 lbs. Each, by express f. o. b. Madison, \$10.50. No. 2A—10-inch Barker. Weight, 18 lbs. Each, by express f. o. b. Madison, \$11.70.



Barker Weeder.

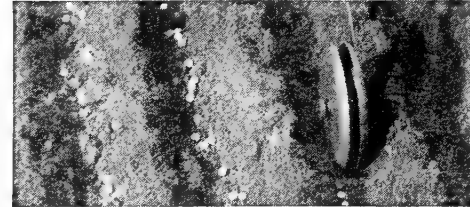
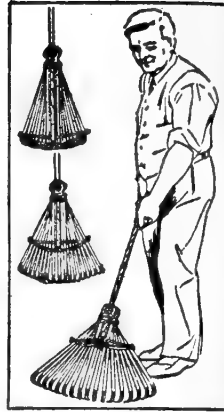


No. 300A. Potato Planter.

No. 309A. Rotary.

## MULTIPLEX LAWN RAKE

This rake expands to four adjustments from 9 to 22 inches. The tines are galvanized spring steel 5/16 inch wide. One of the finest all-purpose rakes we have ever seen. Fine quality 4-ft. handle. Shipping weight, two lbs. Price, \$1.50; by mail, \$1.65.



Gardex Seeder No. 270A.

## No. 270A—GARDEX SEEDER

Has an adjustable hopper and sows seeds from the smallest flower seeds up to cucumber size in the home garden. It will not make the furrows or cover the seed, nor will it handle peas, beans and corn and only seeds that are spaced evenly in rows. Drops seeds quickly, evenly and economically. Hopper capacity, 1/4 pint; diameter of disc, 4 1/2 inches. Each, \$1.50; by mail, \$1.65, postpaid.

## No. 251A—GARDEX CURVED TOOTH RAKE

You will not lose your temper with this all steel T shaped rake. It will get into the smallest spaces around shrubbery and is nicely balanced. The handle is set in a socket which does not allow the handle to wobble. Ideal for both lawn and garden. Long strong handle. Each, \$1.60; by mail, \$1.75, postpaid.



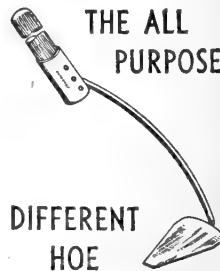
## GRASS HOOK No. 3A

A fine quality off-set grass hook with polished, tempered tool steel blade. Well-shaped maple handle, securely riveted. Built to last. Each, \$1.05, postpaid.



## No. 730A HOE

Try it, hoeing delicate perennials, shrubs, garden crops—you'll never go back to the ordinary hoe. "V" blade permits close work without injury to plant. Amazingly efficient, light, and strong. Sharp, tempered carbon steel blade, spring steel shank. Length of hoe, 52 inches. If not pleased in ten-day trial, return it for money back! Each, \$1.35; by mail, \$1.45.



THE ALL PURPOSE

DIFFERENT HOE

## WEED OR ASPARAGUS KNIFE



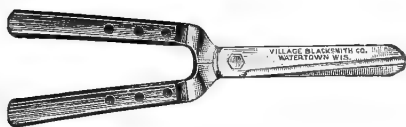
No. 706A. Steel v-point blade and shank, 15 inches overall. Each, 55c, postpaid.

No. 4-A. The handiest, little all-around weeder to be had. Three tines. Nine inches long. Each, 30c, postpaid.

## MAGIC WEEDER







V-1A Hedge Shear.

### V-1A. HEDGE SHEAR

This is the new aristocrat hedge shear made by the famous Village Blacksmith Company. The 8½-inch tempered tool steel blades are fully polished on both sides. Hand fitted for smooth, comfortable action. Hardwood handles are lacquered to a bright finish, and are riveted to a full width tang with three oversized, double strong rivets, which cannot loosen. Each, \$3.00; by mail, \$3.15, postpaid.

### V-40A HEDGE SHEAR

A fine enameled offset hedge shear. Polished tempered tool steel 8-inch blade with hardwood handles, riveted in the ferrule. Handle notched for cutting the larger twigs. Each, \$2.65; by mail, \$2.75, postpaid.



V-4A Grass Shear.

### V-4A. GRASS SHEAR

A smooth shearing shear with cutlery steel polished blades and enamel malleable iron handles. Each, \$1.45, postpaid.



Hudson Leader.

### NEW HUDSON PERFECTION SPRAYER NO. 310G

The simplest, safest, easiest to use sprayer ever built. Has Presto Seal, which uses the first two pounds and all the pressure following to lock the cover tightly against any leaking, and uses the pressure to increase the strength of the tank itself, top, bottom, and sides. The pump is a separate unit, and not removed when filling, emptying, or cleaning the tank. The sprayer cannot be opened without first releasing all the pressure. The four-gallon tank is galvanized or stainless steel sheet. Completely seam welded. Large oval opening, 3¾ by 4¼ inches, provides greatest ease in filling, emptying, and cleaning. Tested at the factory to one hundred pounds pressure. Discharge equipment has ¾ inch high pressure, oil and chemical proof green hose, thirty inches long. Solid brass control valve with fingertip lock open feature for continuous discharge. 24-inch brass extension spray tube with all angle spray nozzle. Shipping weight, 11 lbs. Price: Express f. o. b. Madison, each, \$12.40.



New Hudson Perfection

### NEW HUDSON CLIMAX NO. 335G

Built like the No. 310G with all the Presto Seal features. Not as heavy and capacity is only 3½ gallons. Shipping weight, 10½ lbs. Price: Express, f. o. b. Madison, \$10.00.

### HUDSON LEADER No. 192-G

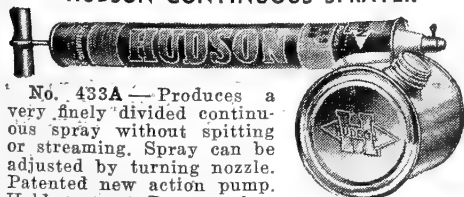
This sprayer is excellent for spraying 2,4-D on lawns. 3½-gallon capacity. Has the funnel top instead of the open head. Well constructed and recommended for general use. Shipping weight, 9 lbs. Price, express f. o. b. Madison: Each, \$8.60

### BORDEAUX NOZZLE No. 2097A

This solid brass nozzle will throw a fine fan shaped spray and by reversing the handle will readily free itself should it become clogged. Adjustable to a solid stream. Excellent for whitewash, etc. Price, \$2.10, postpaid.

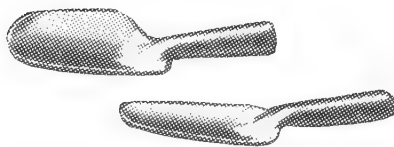
Note: We can supply other Hudson Sprayers not listed. Ask for Hudson Catalog if the sprayer you want isn't listed here.

### HUDSON CONTINUOUS SPRAYER

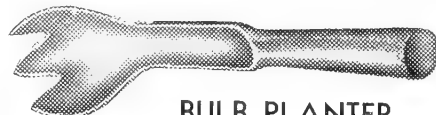


No. 433A — Produces a very finely divided continuous spray without spitting or streaming. Spray can be adjusted by turning nozzle. Patented new action pump. Holds a quart. Brass syphon tubes. Each, \$1.10; by mail, \$1.20.

## ALUMINUM TROWELS

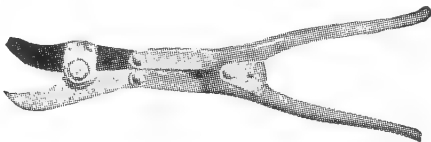


One piece cast aluminum, no handles to loosen, no paint to chip off, and no rusting. Eleven inches long, three and one-quarter inches wide. Transplanter trowel, two inches wide. Prices: No. 5A, 60c; No. 6A transplanter, 60c, postpaid.



### BULB PLANTER

One piece cast aluminum, eleven inches long, and two and three-quarter inches wide, will not rust, no paint to chip off, and being in one piece the handle cannot come loose or crack. Price, No. 7A, 60c each, postpaid.

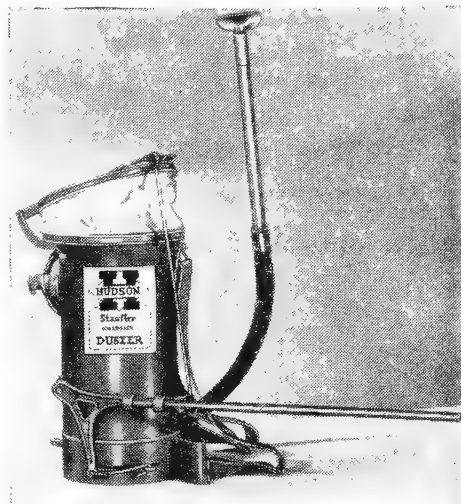


### NO. 8A ALLIGATOR PRUNING SHEARS

An easy operated hand pruning shear with hardened and tempered cutting blade. Constructed long and narrow for hard-to-get-at places. Hands cannot be pinched while operating shears. Orange colored for easy finding. Price: Each, \$1.35, postpaid.

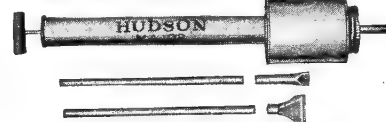
## MARTINDALE PROTECTIVE MASKS

One of the most popular of all respirations. Made of aluminum weighing only one-half ounce. Filter pad is non-absorbent cotton web between one layer of cotton gauze and with the other side cotton web with sizing material to hold it firm. Complete protection against non-toxic, non-vaporous, or gaseous dust such as flour, grains, seeds, straw, hay, tobacco, etc. Prices: 10A Protective Mask, each, 30c, postpaid. 11A No. 1 refill filters in a package of 25, 60c, postpaid.



### STAUFFER KNAPSACK DUSTER No. 1A

A very popular European duster that is now being made by the Hudson Company. Straps on your back and is operated by a hand lever. Easy to fill, carry, operate and clean. Adapted for dusting ground crops, grapevines, berries, shade and fruit trees. Will handle any insecticide in dry powder form. Large capacity metal hopper. Sturdy bellows at top operated by pumping hand lever. Will discharge dust in exact volume required. Flexible hose has metal extension and fan nozzle. Price: Express, f. o. b. Madison, \$29.95. Shipping weight, 16 lbs.



### No. 666A HUDSON MAJOR DUSTER

A very easily operated duster. Large filler cap. Break-up screen to prevent clogging. Reservoir 4x4½ inches, 13-inch stroke. Complete with two 12-inch extensions and two nozzles, one for force and one for volume. Handles any dry powder. Each, \$1.20; by mail, \$1.35.

### No. 766A HUDSON ADMIRAL DUSTER

The new type duster that will efficiently apply any powder insecticide. Volume of discharge ranges from a very fine to a heavy cloud. Special plunger provides powerful air blast which drives through powder, agitating it thoroughly. High priced dust will go much farther with the use of this duster. Duster is equipped with 24-inch extension tube and nozzle instantly adjustable for straight or angled discharge. Each, \$1.50; by mail, \$1.65.

### No. 701 WA FLAME SPRAYER

Hudson Flame Sprayer or Weed Burner. Has a burner unit which produces a flame temperature of 2400 degrees Fahrenheit at the nozzle and a temperature of 2000 degrees at burning length. Flat flame has a wide burning area spreading about 12 inches. Burns kerosene, 32-42% gravity fuel oil or stove oil. Consumes about one gallon of fuel per hour. Valve and fuel line permit effective regulation of flow. Pressure gauge calibrated to 60 pounds is conveniently mounted to discharge line. Has a 3½-gallon capacity. Open top construction tank which permits complete removal of pump and head for easy filling. Pump, seamless brass tubing, easily removed as a unit. 48-inch special oil resistant hose. Burner of heavy steel housing with generator pan and waste. Seven coils insure proper generation of gas for constant burning. Shipping weight, 22 pounds. Price, express f. o. b. Madison, \$22.80.

### No. 403A MASTER FOG SPRAYER

A universal favorite about the home yard or poultry house. Patented Nu-Action pump, holds full quart. Vent at base of drip cup prevents overflowing and syphoning. Each, 67c; by mail, 80c.



### NO. 428A GLASS JAR SPRAYER

A continuous type sprayer with two way nozzle. Detachable jar is impervious to corrosion. Easy to clean, fill, and empty. 24-ounce capacity. Fruit jar thread. Price: Each, \$1.60; by mail, \$1.80, postpaid.

# INSECTICIDES FOR EVERY PURPOSE

## ARSENATE OF LEAD

The widest used arsenical insecticide. Safe on tender foliage for the control of chewing insects on fruit trees, vegetables, tobacco, and many other plants. Controls grubs in lawns. Prices: 1 lb., 50c; by mail, 60c. F. o. b. Madison: 4-lb. bag, \$1.40.

## BENZO-FUME PRESSURE FUMIGATOR

Recommended for the control of greenhouse red spider mite. Placed on walks of the greenhouse. One-pound can will fumigate about 20,000 square feet. Price: 1-lb. can, 60c, postpaid.

## BLACK LEAF 40

A powerful contact spray. 1 oz. makes 6 gallons of effective aphid spray. Recommended for aphids, leaf hoppers, young sucking bugs, lace bugs, mealy bugs and most thrip wherever found on shrubs, trees, flowers or vegetables. As it is a poison, it should be handled with care. Especially recommended for killing poultry lice. Apply a few drops on roost with cap brush then smear. Fumes pass upward through the feathers of roosting chickens and destroy lice. Avoids flock disturbance and individual handling. Price: 1 oz., 36c; by mail, 40c; 5 oz. size, \$1.05; by mail, \$1.10; 1 lb., \$2.42; by mail, \$2.55; 2 lbs., \$4.15; by mail, \$4.35; 5 lbs., \$7.90; by mail, \$8.40; 10 lbs., \$13.75; by mail, \$14.55.

## BORDEAUX MIXTURE

Prevents large losses caused by blight, rot, mildew, scab, anthracnose, etc. Stimulates plant growth, increasing the harvest. Almost every kind of vegetable, fruit, and shrub can be improved by Bordeaux spraying. Prices: 1 lb., 42c; by mail, 55c. F. o. b. Madison: 4 lbs., \$1.00.

## COPPER-A

A new copper fungicide that is safer to use than Bordeaux mixture on copper sensitive plants. It can be used either as a spray or dust. It can be applied at any time of the day and does not require the use of lime. Effective in the control of leaf-spot diseases, including leaf blight on tomatoes, both in the seed bed and field. Proven satisfactory on celery, cucumbers, cantaloupes, melons, watermelons, squash, sugar beet, and tobacco beds. Price, by freight or express, f. o. b. Madison: 6-lb. package, \$1.95.

## 5% DDT DUST

A ready-to-use dust for home gardens, containing 5% DDT and 9% metallic copper. Effective not only as a powerful insecticide but as a fungicide in control of many forms of blight and fungus diseases. Particularly effective on rose chafer, leaf hopper, and corn ear worm. Dust or spray. Price: 1-lb. sifter, 35c; by mail, 45c.

## DU PONT 10% DDT HOUSEHOLD INSECT DUST

For use against crawling insects in the hard-to-get places around the home, such as cracks and corners. Comes in a handy 1-oz. puffer can. Price each, 25c, postpaid.

## 50% WETTABLE DDT

The best all-purpose DDT composition for farm use. A wettable powder especially prepared to mix readily with water for spraying. It can be used on crops, in buildings, or on animals. Do not use on vine crops as insects are needed to pollinate the blossoms. Prices: 1-lb. carton, 70c; by mail, 85c. By express, f. o. b. Madison: 4 lbs., \$1.60; 50-lb. bags, \$17.50.



## END-O-PEST

No unsightliness following garden dusting! A few strokes of the exclusive End-O-Pest dust gun envelopes your plants in an almost-invisible protecting film... gives you control over most chewing insects, sucking insects and fungus diseases! Use with confidence on edible fruits and vegetables. We have refill cartridges for the guns. Prices: Dust gun, 98c; refill cartridges, 75c; 4-oz. sifter top carton, 35c; 2-lb. pouring spout package, \$1.98, postpaid.

## EVER GREEN SPRAY

A pyrethrum base insecticide. Highly concentrated, odorless, contact insecticide for control of aphids, leaf hoppers, and many other soft-bodied insects. Easy to use. Does not harm tender plants. One ounce makes 6 gallons of spray for aphids. Prices: 1-oz. size (makes six gallons of spray), 35c; 6-oz. size, \$1.15; 16-oz. size, \$2.45, postpaid.



## FERMATE

A non-caustic fungicide non-russetting on apples and pears. Favored by many growers for use on apples, pears, cherries, cranberries, celery, tomatoes, and other crops. Effective against many diseases and safe on a wide range of plants. Used as a spray or dust. Price: 3-lb. bag, \$2.15, postpaid.

## GASITE CONTROLS SOIL INSECTS

An insecticide fumigant powder to control soil insects. Laboratory and field tests have proven that it is efficient in controlling soil infesting insects, such as wire worms, Japanese beetle, grubs, white fringed beetles, cutworms, sod web worms, woolly apple aphids, ants and certain other insects such as chiggers, chinch bugs and grasshoppers. Earthworms apparently are immune to this product. Apply in the fall or at time of seedbed preparation in the Spring. Work into the top three inches of the soil with a hoe, rake, disc or grain drill. This should be done two weeks before planting. 15 to 25 pounds will treat an acre. Price: 1-lb. sifter top can, \$1.00, postpaid.



## LIME SULFUR

A standard 33° Baume lime and sulphur converted into a dry powder having all the effectiveness of a liquid product when dissolved in water. For dormant spraying against scale, peach blight, leaf curl, and twig borer. For summer spraying against scab, soot, blotch, red spider and mite. Prices: 1-lb. jars, 35c, postpaid. F. o. b. Madison: 5-lb. can, \$1.50; 100 lbs. in 12½-lb. bags, \$13.00.

## BLACK LEAF MOSQUITO FUMER

An outdoor mosquito killer that has just been developed by the Experimental Station of Rutgers University. It contains 14% DDT with a combustible base. Just punch a hole in the can and ignite. A dense smoke under pressure settles around the shrubbery and grass and kills the mosquitoes. Will keep the average home grounds free from mosquitoes for two hours or longer. Keep a supply of these on hand for your garden parties, camping trips, and picnics. Prices: 6-oz. can, 45c; 3 cans for \$1.20, postpaid.

## NICO-FUME POWDER PRESSURE FUMIGATOR

For fumigating greenhouses. Burned under pressure in the can in which it is packed. One pound will fumigate approximately 2,500 cubic feet. Price: 1-lb. can, 70c each; by mail, 80c, postpaid.

## PESTROY

A 25% DDT Concentrate embodying maximum potency, safety and long residual value. Recommended for the control of insects in barns, poultry houses, hog shelters, dairies, out-buildings, canneries and manure piles. Also used for cattle spray or dip. Pestroy is diluted with water and 1 gallon makes 5 gallons of 5% strength. Cattle can be effectively and safely treated for as little as 5c per head per season. Prices: Qt., \$1.15 each, postpaid; gallons, by express f. o. b. Madison, \$3.45 each.

## ANT DUST THE AMAZING NEW ANT KILLER

It contains chlordane, the powerful new toxicant that controls all species of ants, wherever infestation occurs, indoors or out. It is not dependent upon the feeding habits of ants. It kills by ingestion, contact and by insecticidal vapors, and thus eliminates the use of baits. Just dust on the ant hills. It will not sterilize the soil or harm grasses or growing crops. Also controls grasshoppers, chinch bugs, Japanese beetles, grubs, mole-crickets, wireworms, ticks, chiggers, fleas, mosquitoes. Price: 1 pound sifter cans, 75c each; by mail, 85c, postpaid.



## ROTENONE GARDEN GUARD

For use as a spray or dust. Non-injurious to humans and warm-blooded animals, yet effective both by contact and as a stomach poison against an exceedingly wide range of insects. It is especially recommended for use on broccoli, cabbage, cauliflower, brussels sprouts, and string beans (Mexican Bean Beetle). A favorite of the housewife for the rose and flower garden. Price: 1-lb. sifter carton, 50c; by mail, 60c.

## ROTENONE DUST "75"

Kills by both contact and stomach action. Its highly toxic non-poisonous ingredients are thoroughly dispersed and inter-mixed to give a perfectly uniform material. Prices, by freight or express, f. o. b. Madison: 5 lbs., \$1.25; 50-lb. bags, \$7.50 each.

## ROTENONE GARDEN SPRAY

Rotenone kills most common garden bugs of both sucking and leaf eating types. You've got to wet them—to get them. NNOR penetrates the waxy or hairy covering, brings the tremendous power of Rotenone into action. Prices: 1 oz., 35c; by mail, 40c; 6 oz., \$1.00; by mail, \$1.10; 16 oz., \$2.15; by mail, \$2.25.

## DU PONT ROSE DUST

Here is the answer to leaf-spots, blight, and rusts that are persistent trouble to rose gardeners. Whether they have one bush or many they will welcome this product developed by Du Pont pest control laboratories for roses, snapdragons, carnations, etc. Used as a dust or spray. 1-lb. sifter top can, \$1.00 each, postpaid.



## RED RIVER POTATO MIX

This fine potato spray now contains the accepted formula of DDT, which will control psyllid, flea beetle and leaf hopper.

Dust or Spray. A scientific formula combining a patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker—drives off flea beetle and leaf hopper—prevents blight—stimulates foliage. Get top prices for your harvest. Prices: 1-lb. bag, 55c; by mail, 65c. F. o. b. Madison: 4-lb. bag, \$1.75.

## SLUG SHOT

Hammond's Slug Shot for currant worms, potato bugs, cabbage worms, etc. A fungicide as well as insecticide. A reliable remedy used for years the country over, and considered by many the safest, most effective, easiest to use and most economical general purpose insecticide-fungicide.

Prices: 1-lb. carton with sifter top, 40c postpaid; f. o. b. Madison, 5-lbs., \$1.65.

## DU PONT SPREADER STICKER

A combination wetting, spreading, and sticking agent that greatly increases the efficiency of all sprays. Enables contact insecticides to better reach the vulnerable parts of insects. Aids more thorough uniform wetting of foliage and fungus growth. Prolongs adherence of spraying materials because sticking agent won't harden, crack, or peel when dry. Also use with Arasan S. F. for the treating of seed corn at the rate of one pint to six gallons of solution. Prices: Pint bottle, 80c; by mail, 90c; by freight or express, f. o. b. Madison: 1 gal., \$5.75; 5-gal. cans, \$27.25.

## TRI-GEN

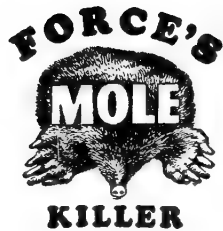
The original Rose Garden Spray Treatment for the control of many insects and fungus pests. Black spot and powdery mildew are controlled by the use of TRI-GEN. TRI-GEN also tends to stimulate healthy plant growth. It is economical, easy to use and a great labor-saver because you need only TRI-GEN to give your roses the best scientific treatment. Now contains FERMATE for a fungicide. Prices: Kit E, makes 10 qts., protects 12 roses per season, \$1.35; Kit A, makes 16 quarts, protects 20 roses per season, \$2.25; Kit B, makes 64 quarts, \$6.00 postpaid.

## TRI-GEN DUST

For those who prefer a dust to liquids. Price: 1-lb. sifter top, 85c, postpaid.

## WETTABLE DUSTING SULPHUR

An improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreens, and mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snapdragons, carnations and certain other foliage. 98% passes through a 325-mesh screen. An excellent chigger chaser. Prices: 2-lb. sifter carton, 45c; by mail, 55c.



**KILLS THE MOLES  
IN THE GROUND  
NO TRAPS—NO GAS  
NO EXPOSED POISON**

**GUARANTEED TO  
KILL MOLES OR MON-  
EY REFUNDED**

Use according to the simple instructions with each package. Guaranteed to kill the moles or purchase price will be refunded. To quickly eradicate the entire family of moles place these pellets in all visible runways at intervals of two feet. Moles readily seek these pellets, eat them and die. These pellets if placed around the edge and throughout a freshly made flower bed, will eliminate the loss of bulbs or plants. Price: 35-pellet pkg., 25c; 75-pellet pkg., 50c; 185-pellet pkg., \$1.00; 875-pellet pkg., \$3.25, postpaid.



Keeps dogs, cats and other animals away from trees, evergreens, roses, shrubbery, etc. One large tube lasts a year. Large tube, 35c, postpaid.

### CYANOGENAS

**CYANOGENAS "A" DUST.** A powerful dust that forms a deadly gas when exposed to the air. Kills ants, rats in burrows, ground hogs, prairie dogs, mice, gophers, woodchucks, ground squirrels, and hornets. Very effective. Does not rely on the feeding habits of the pests. Not available by express or freight. Prices: 1-lb. can, 98c; 5-lb. can, \$3.75; 25-lb. can, \$12.50; 100-lb. can, \$30.00. Write for leaflets.



**CYANOGENAS "G" FUMIGANT.** A positive fumigant for greenhouses, mushroom houses, warehouses, flour mills, grain and seeds, and soil sterilization, aphids, white fly, thrips, soft scale, mealy bug, and control for crop destroying rodents in buildings. A fumigant for bulbs in storage.

Not available by express or freight. Prices by express f. o. b. Madison: 4-oz. spouted can for ants, 39c; 5 lbs., \$3.75; 25 lbs., \$12.50; 100 lbs., \$30.00.

### CYANOGENAS FOOT DUSTER

A powerful foot duster for Cyanogas. Works like a tire pump. Control valve assures efficient application. We do not recommend this duster for garden use as it is designed for the use of Cyanogas only. Shipping wt., 9 lbs. Price, each, \$11.00; f. o. b. Madison; by mail, \$11.25 postpaid.



Cyanogas Foot Duster.

### ANT GAS KILLS ANTS QUICKLY

Simply apply Ant Gas to the ant hill and all ants die immediately. No bother, no waiting, no poisons needed. Ant Gas is a liquid which forms a gas heavier than air and when applied to the ant hill penetrates all of the galleries of the ant house. Effective against Ground Moles. Price: 1/2-pint can, \$1.00; by mail, \$1.10, postpaid.



### DOGZIX

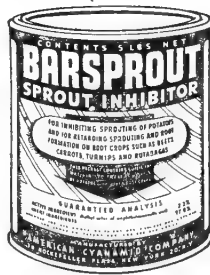
Protects shrubs, evergreens and plants from dog annoyance. Simply spray on lower branches and soil. Harmless to pets and plants. Dogs are animals of habits. Correct their habits with Dogzix. 6-oz. bottle treats fifty trees.

Price: 3-oz. bottle, 45c; by mail, 50c; 6-oz. bottle, 65c; by mail, 70c; 16 oz., \$1.25; by mail, \$1.35.

## BARSPROUT

**Stops Sprouting of Potatoes in Storage**  
A new chemical methyl ester of naphthalene-acetic acid, which, when dusted over potato tubers when they are placed in storage in the Fall at the rate of 12 oz.'s to 9 bushels will keep them from sprouting. Tests of potatoes stored in August with the use of this chemical found the tubers practically sproutless the following May. The harmless chemical vaporizes and comes in direct contact with the potato eye. Not effective if applied after the tubers have sprouted. Spread the tubers in layers and dust with Barsprout or dust the tubers as they are loaded into the bin or cellar through a chute. Do not use on seed potatoes. Pays for itself many times over in shrinkage loss and better prices on the spring market.

Prices: 12 oz. sifter top can treats 9 bushel, \$1.00 each; 5-lb. cans, \$5.50 each, postpaid. By express or freight, 20-lb. drums, \$16.00.



Scare-Away frightens pests from gardens and orchards.

### SCARE-AWAY

The Modern Scarecrow. Protects gardens, orchards, and berry patches from destructive birds and small wild animals. Scientifically designed fifteen inch metallic strips drive out garden marauders with a frightening combination of crackling noise, flashing light, and fluttering motion. Easy to hang from string or wire. Tested and approved by reliable garden authorities. Ten strips of Scare-Away will protect a plot twenty feet by twenty feet. Price: Package of 10, 25c; two packages, 45c, postpaid.

### FABRIC CEMENT

For repairing permanently awnings, grain bags, burlap bags, tents, binder canvas or any canvas item. It is waterproof and it will not come off with washing. Just spread an even coat on the material to be repaired and on patch and press firmly together. We use this material in patching all of our grain bags and highly recommend it. Price, 6-oz. bottle, 50c; 16 oz., \$1.00; 32 oz., \$1.85, postpaid. Gallon, not prepaid, \$6.50.



### BLACK LEAF PELLETS

Produced from Black Leaf Powder. They have the same advantages—being odorless, tasteless and non-toxic to chickens. Highly efficient. Disintegrate and become mixed with food in crop and gizzard—but the nicotine is not released until reaching the small intestine, where it kills large roundworm. So scientifically and accurately compounded as to liberate the full nicotine dosage in the small intestine where large roundworm infestation occurs.

Black Leaf Pellets are made with a groove in the center so that they can be conveniently broken in two exact halves, each treating a chicken weighing from 1 1/2 to 2 pounds. Prices: 100 pellets, 85c; 500 for \$3.25; 1,000 for \$6.00, postpaid.

### SPIRALET LEG BANDS

Colors: Blue, red, yellow, black and green. Mention the colors and size preferred. Three sizes: Asiatic, American, Leghorn. 12, 15c; 25, 30c; 100, 80c, postpaid.

**EXTRA HEAVY FLEX-O-GLASS**  
**GET EGGS from the SUN ALL WINTER**  
SQUARE YARD 63c

Your hens will lay to the limit on ordinary grain and low-cost feed if you give them lots of **ULTRA-VIOLET RAYS** that come through Genuine Flex-O-Glass.

Unbreakable, Weatherproof  
Only 1/10 the Cost of Glass

Tested and approved by Gov't Experiment Stations. Keeps Heat in and Cold Out Better Than Glass. Makes storm doors and windows of your screens. Genuine FLEX-O-GLASS Lasts For Years.

COVERING POULTRY HOUSE  
SCREEN DOORS AND BARN WINDOWS

EMERSON PORCHES

Just Cut With Shears and Nail It On

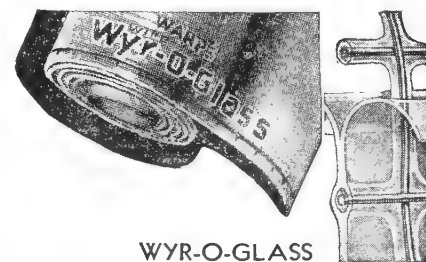
This Name Guarantees You 2 full years Satisfactory Service

WE HAVE GENUINE FLEX-O-GLASS

Prices: 36 in. wide, 1 sq. yd., by mail, 63c; 5 sq. yds. or more, by mail, 59c per yd.

### GLASS-O-NET

Similar to Wyr-O-Glass, but waterproof cord used in place of wire. Prices: 1 sq. yd., 66c; 5 sq. yds. or more, by mail, 61c per yd.



### WYR-O-GLASS

Exceptionally transparent cellulose acetate coating, extra high in ultra-violet ray transmission, applied over a tough plastic cushion that bonds everything together into one sheet.

Prices: Sq. yd., by mail, 87c; 5 yds. or more, by mail, 82c per yd.

## LENZ RED SQUILL RAT PASTE

### This Is Really Good!

Safe to use anywhere as it will not kill dogs, cats, chickens, kills only rodents. Spread over full slices of bread and the baited slices cut into small pieces makes a bait rats readily take. Does an excellent job wherever used and is sold with a money back guarantee. 50c size makes 70 baits; \$1.00 size, 150 baits, postpaid.



### RAT CORN

The old reliable rat and mice exterminator. It mummifies them. They simply dry up. Positively no smell. Best for home use. Harmless to human beings and livestock.

Prices: 3-oz. size, 25c; 6-oz. size, 50c; 13-oz. size, \$1.00, postpaid.

### RAT-SCENT

A combination of poisoned grains that rats and mice will eat, account of the scent. Rat-Scent not only kills rats and mice on your premises but protects against any new ones coming in, as it lasts. No bait to mix.

Prices, by express f. o. b. Madison (not mailable): 35c; large size, 50c.



### TAT-ANTU (formula 83)

Contains Antu, the new drug which you have been reading about in all magazines. Kills rats by the new tracking method. It is tasteless and odorless to the rats. Dust the powder in the tracks, the rats lick their feet and one lick will kill a rat. Available in 2 forms—concentrated powder for dusting and ready to use feeding bait. Cupfuls of this have been fed to monkeys without ill effects and so far as is known it is non-poisonous to man and fowl. In isolated instances it has poisoned hogs and dogs. Prices: Introductory size containing both powder and bait, 35c; farm size, \$1.00, postpaid.



# For Your Flock We Recommend BURRELL-DUGGER Remedies



## AVICOL Chick Tablets

Avicol is for all poultry—both old and young. It should be used regularly in all drinking water, the year 'round. Try this system of giving Avicol to your flock during the next year, and see if you are not more than pleased with results.

Price, 50c; by mail, 55c; large size (3 times 50c size), \$1.00; by mail, \$1.10. Guaranteed.

## MASH-NIC

A nicotized powder for use in flock feeding. An easy method of control for round worms in chickens. A new, improved Tobacco Powder superior to the Gold Leaf Tobacco Powder that we formerly listed. Requires only 1 lb. in each 100 lbs. of dry mash and requires only a ten-day feeding period instead of a 21-day.

Prices: 2-lb. pkg., 80c; by mail, 95c, postpaid. 5-lb. pkg., \$1.50; by mail, \$1.75, postpaid.



## CARBOLINEUM

Carbolineum kills chicken mites or fowl ticks in poultry houses. Applied once a year, by brush or sprayer, guaranteed to exterminate the mites or ticks and keep them away a whole year. Money refunded if it fails to do it. Wt., 10 lbs. to a gal.

Prices: By express f. o. b. Madison. 1 gal., \$1.70; 5 gal., \$7.50.

## DON SUNG FEED SUPPLEMENT

Don Sung is easily and economically given in the mash feed of laying hens. It does not force or hurt the hen in any way. It has been successfully used and recommended for years by large and small poultry raisers from coast to coast. Complete directions for proper feeding and housing to promote better egg production are enclosed with every package. Get the trial size of Don Sung and see what it will do for your flock—you'll be more than pleased with results.

Prices of Don Sung Powder: Small size, 50c, postpaid; large size (3 times 50c size), \$1.00, postpaid; special size, (6 times \$1.00 size), \$5.00, postpaid.

## JIFFY EGG CARTONS

A 2 by 6 carton which provides cushion protection for the eggs, and which can be set up easily and quickly by hand. Self-locking. Cartons hold one dozen eggs and are printed in maroon color. Helps you sell more eggs at top prices. Prices: 25 for \$1.00, postpaid; by freight or express, f. o. b. Madison. 100, \$2.00; 1,000, \$17.00. Weight 130 lbs. per 1,000.



## WAFER THERMOSTATS

For any incubator or brooder. Accurate and durable. Made of finest tempered brass. Nut on stem can be removed for oil-burning brooders.

Prices: 3-inch, Single Unit, 20c. 3-inch, Double Unit, 35c, postpaid.

## Group-Over

A SOOTHING ANTISEPTIC APPLICATION FOR THE MUCOUS MEMBRANES OF THE MOUTH AND NOSTRILS OF POULTRY

Nasal and throat infections often attack poultry with costly results. The symptoms are running nose, wheezing, rattling and choking. Whenever any trace of this trouble develops in your flock, act immediately or you may be too late.

Nasal or throat infections, whatever their origin—so-called "colds" or other purulent catarrhal conditions—tend to clog the air passages with excessive stringy mucous secretions which may cause death in a short time; the air passages must be freed of this suffocating mucus if the bird is to survive.

Group-Over as an individual treatment and as a vapor will be found a valuable aid in expelling the accumulations of such mucus in the upper nasal passages. Poultry raisers everywhere say they never saw anything like Group-Over for quick results. Group-Over is guaranteed to give complete, prompt and positive results or your money will be refunded.



Prices: 50c; by mail, 55c; large size (2 1/2 times 50c size), \$1.00; by mail, \$1.10. Special size (four times \$1.00 size), \$3.00; by mail, \$3.25.

With the Special \$3.00 size you get a Glass Drinking Fountain FREE.

## DICKINSON'S DOG FOOD

Dickinson's Dog Food Nuggets contain everything needed for the complete nourishment of dogs under all conditions.

All of the essential vitamins and minerals are present. An additional supply of vitamins A and D is added through the use of vitamin tested oil. Price: 2 lbs., 35c; 4 lbs., 60c, postpaid. Not prepaid, f. o. b. Madison: 25 lbs., \$3.00; 100 lbs., \$10.50.

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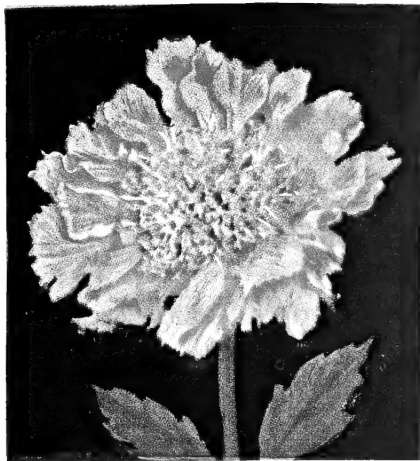
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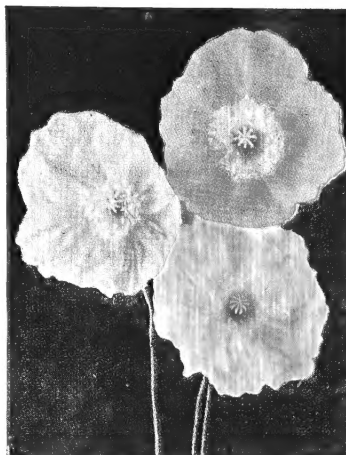




Scabiosa, Caucasica Hybrids

## Scabiosa (PERENNIAL)

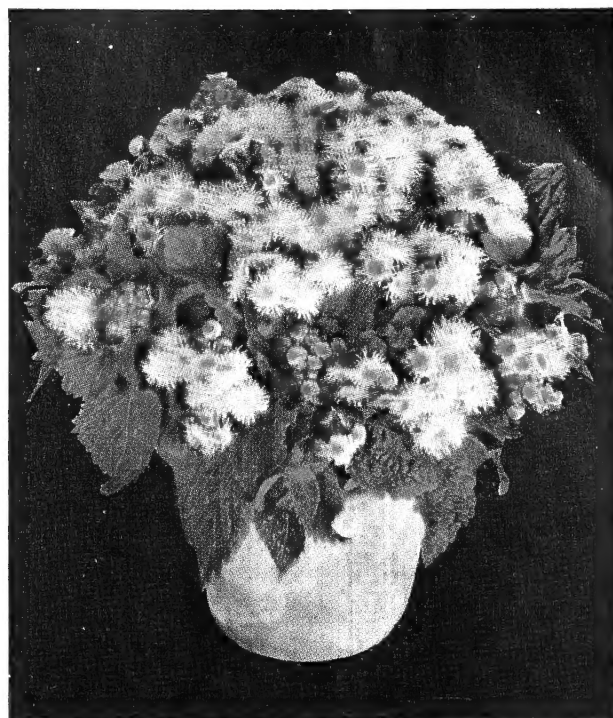
**1156. CAUCASICA HYBRIDS.** H. P. The perennial Scabiosa bloom from June to October and require little space and thrive in ordinary soil. They are of great value to the gardener as the graceful flowers in delicate shades of blue and lavender borne on long and erect stems make them very valuable as cut flowers throughout the season. No perennial garden is complete without them. This strain of giant hybrids is very beautiful and a great improvement over the older types, being more vigorous and larger with longer stems and larger petals. Plants grow to 18 inches in height and the lavender shades of flowers are fringed on the edges. **Pkt., 20c; 2 pkts., 35c.**



Poppy, Nudicaule, Gartford Giant Art Shades

## Iceland Poppy

**1129. GARTFORD GIANT ART SHADES.** H. P. This Art Shades mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured, carried on extremely long, heavy wiry stems up to 30 inches in length which are produced in quantity on each plant. They bloom early in the spring and are excellent for cutting when properly treated. The ends of the stems should be burned or dipped in hot water and they will last for several days. The color range in this mixture includes lovely pastel shades of apricot, cream, gold, pink, white and various shades of rose. **Pkt., 15c; 2 pkts., 25c.**



Ageratum, Fairy Pink



Phlox Gigantea, Salmon Glory

## Annual Phlox

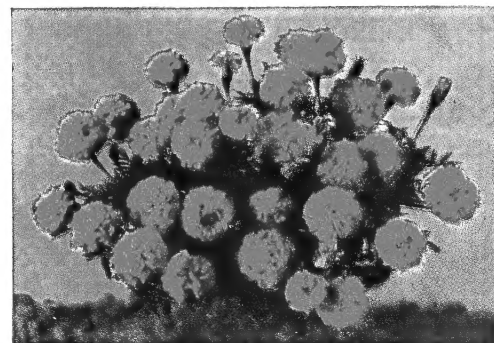
**1112. GIGANTEA SALMON GLORY.** H. A. A good salmon Phlox of the Drummondii Gigantea type has been wanted for a long time. It is a pleasure to offer Salmon Glory. The individual florets with ordinary field culture will average from 1 1/4 inches to 1 1/2 inches in diameter. The color is a pure salmon pink with a distinct creamy white eye. A most striking and beautiful combination of color. An All-America Silver Medal Winner. **Pkt., 15c; 2 pkts., 25c.**

## Ageratum

**826. FAIRY PINK.** H. A. This compact, soft salmon-pink Ageratum will be a welcome addition to the dwarf Ageratums. It begins to bloom when not more than 1 1/2 to 2 inches high and continues to bloom until it forms a solid, compact mass of blossoms. Plants when fully grown are not more than five inches in height. **Pkt., 20c; 2 pkts., 35c.**

## Marigold

**1038. SUNKIST.** H. A. A 1943 All-America Silver Medal Winner. Beautiful 1 1/2-inch deep large orange blossoms on plants six to ten inches tall. Flowers have crested centers of dainty tubular petals surrounded by several rows of broad guard petals. Early and free blooming. A dazzling border or window box plant. **Pkt., 10c; 2 pkts., 15c.**



Marigold, Sunkist

## VITA BANDS

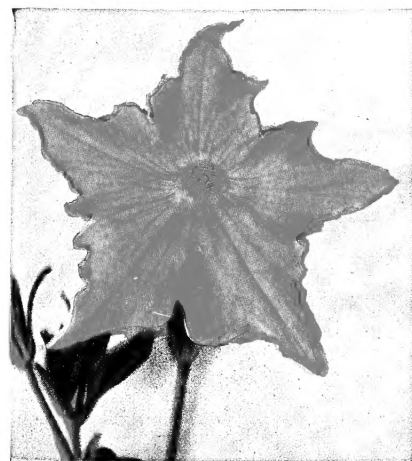
Produce Better Plants  
See Page 75.

## Zinnia

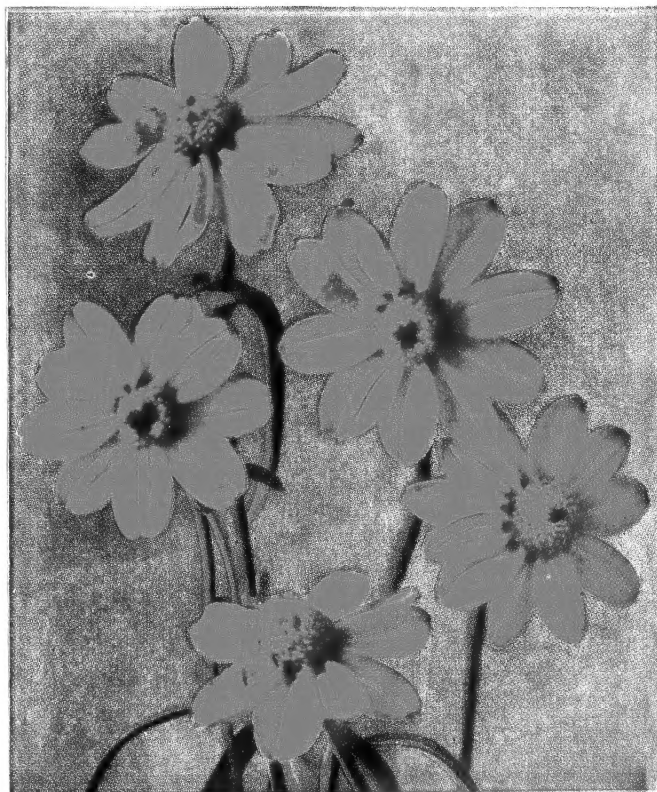
**1333. LINEARIUS ORANGE.** H. A. This little dwarf Zinnia much resembles a Daisy. It begins to flower when the plants are about six inches tall and keeps right on throughout the season until the late frosts of autumn. It never looks untidy as the dozens of newly opened flowers prevent the faded ones from becoming prominent. Flowers are single and a lovely shade of golden-orange with a delicate lemon-yellow stripe through each petal, while the center is a dark brown with the young flowers turning to golden-orange as the flower develops. Plants reach a height of eight to ten inches, and with plenty of room for development, they spread as much as two feet in a season. Literally hundreds of flowers are open at a time. It is excellent for borders or edging and also for window boxes or for growing in the garden where a dwarf growing plant with vivid coloring is desired. They last nearly two weeks when cut and placed in water. It usually begins to flower ten weeks after the seed is sown. **Pkt., 15c; 2 pkts., 25c.**

## Petunia

**1089. HOLLYWOOD STAR.** H. A. This variety won the Silver Medal in the 1939 All-America contest. The Petunia is unique in the form of its flowers which consists of a five-pointed star. The color is a charming shade of rich rose with an amber throat. A fine garden variety as it is early and free blooming. The plant is strong and so smothered with blooms that hardly any foliage shows. **Pkt., 10c; 2 pkts., 15c.**



Petunia, Hollywood Star



Zinnia, Linearis Orange

PARSLEY  
MOSS CURLED

RADISH  
SPARKLER WHITE TIP

PUMPKIN  
SMALL SUGAR

LETTUCE  
BLACK SEEDED SIMPSON

PEPPER  
CALIFORNIA WONDER

TURNIP  
PURPLE TOP WHITE GLOBE

SWISS CHARD  
LUCULUS

MUSKMELON  
HONEY ROCK

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KOHL RABI, White Vienna (205)	10
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LETTUCE, Cosberg (229)	10
MUSKMELON, Honey Rock (251)	10
ONION, Yellow Globe Danvers (285)	10
PARSNIP, Improved Guernsey (310)	10
PARSNIP, Improved Guernsey (310)	10
PEAS, Little Marvel (339) 1/2 lb.	25
PEPPER, California Wonder (357)	10
PUMPKIN, Small Sugar (363)	10
RADISH, Sparkler (370)	10
RADISH, White Icicle (385)	10
SALSIFY, Mammoth Sandwich Island (397)	10
SPINACH, Bloomsdale Long Standing (402)	10
SQUASH, Table Queen (433)	10
TOMATO, Marglobe (465)	10
TURNIP, Purple Top White Globe (475)	10
RUTABAGA, Improved Purple Top (475)	10
DILL, Giant (485)	10
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TOMATO  
MARGLOBE

LETTUCE  
COSBERG

KOHL RABI  
EARLY WHITE VIENNA

BEANS  
PENCIL POD WAX

PEAS  
LITTLE MARVEL 1/2 Pound

SQUASH  
TABLE QUEEN

BROCCOLI  
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CORN  
MIXED YELLOW HYBRIDS

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